

## Research Article

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### Notes on *Platycleis (Squamiana) irritans* Ramme in Van Province (East Turkey) (Orthoptera, Tettigoniidae)

Muhabbet Kemal Ahmet Ömer Koçak

**Abstract:** Notes on *Platycleis (Squamiana) irritans* Ramme in Van Province (East Turkey) (Orthoptera, Tettigoniidae). *Cesa News* 102: 1-4, 8 figs.

This short paper deals with the occurrence of *Platycleis irritans* Rme in East Turkey. It is reported here for Van Province for the first time. Male and female adults and habitats are illustrated.

**Key words:** *Platycleis*, *Squamiana*, *irritans*, *Tettigoniidae*, *Orthoptera*, fauna, Van, Turkey

Last year, during excursions to Irerini (Gören) Mt., first author collected a pair of *Platycleis* at 2240m, apparently very rare in the area. This species was not observed there until July (Kemal & Koçak, 2014). Ünal kindly identified this species as “*Platycleis (Squamiana) irritans* Ramme”. He previously reported this species in Turkey for the first time, based upon the three females in the British Museum, collected in 2.ix.1960 by K.M.Guichard & D.H.Harvey from Serdarbulak, between Büyük and Küçük Ağrı Dağları [currently placed in Iğdır Province] (Ünal, 2006: 173).

The species was originally described by Ramme (1951) from Armenia (Tschubuchly, Jelenovka, Schordsha). Faunistically, the first record in Turkey was published by Ünal (l.c.). The present record is new to the fauna of Van Province (Kemal & Koçak, 2014; Koçak, 2014) (Figs. 1-6).

**Material examined:** 1♂1♀. Van Prov., Tuşba district, Gören (Irerini) Mt. 2240m, 4 8 2014, M.Kemal leg. (coll. CESA).

**Habitat:** Mountain steppe at Upper Heights (Figs. 7,8).

**Acknowledgement:**

We sincerely thank to Prof. Dr. Mustafa Ünal (İzzet Baysal University, Bolu, Turkey) for his kind collaboration and identification of the species.

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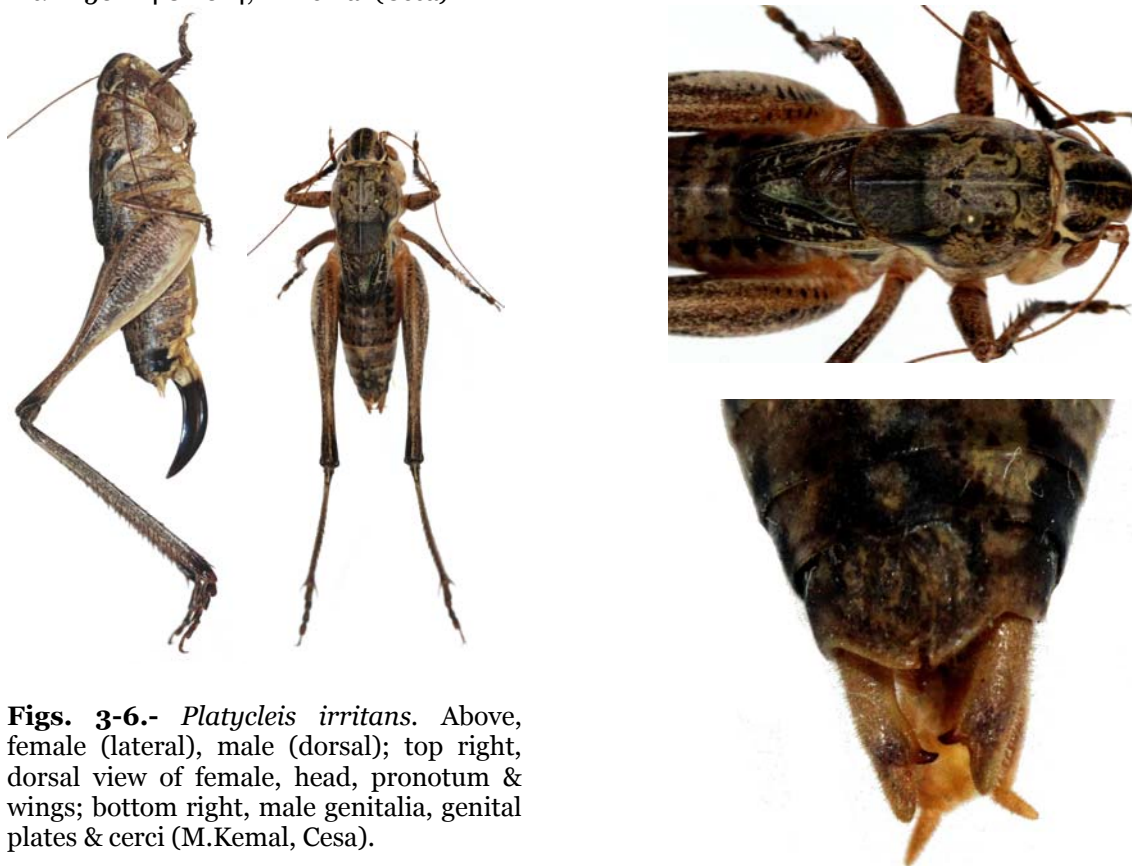


**Fig. 1-** *Platycleis irrirans* (Tettigoniidae), male. Turkey, Van Prov., Gören Mt. 2250m 4 8 2014, M Kemal (Cesa)





**Fig. 2-** *Platycleis irritans* (Tettigoniidae), female on *Echinops* flower (Asteraceae). Turkey, Van Prov., Gören Mt. 2250m 4 8 2014, M Kemal (Cesa)



**Figs. 3-6.-** *Platycleis irritans*. Above, female (lateral), male (dorsal); top right, dorsal view of female, head, pronotum & wings; bottom right, male genitalia, genital plates & cerci (M.Kemal, Cesa).





**Fig. 7** – Habitat of *Platycleis irritans* at Gören Mt., Van Prov., 2250m 4 8 2014, M.Kemal (Cesa)



**Fig. 8** – Küçük Ağırı Dağı (Iğdır Province, NE Turkey), Serdarbulak is placed on the right slopes, where *Platycleis irritans* inhabits. Photograph was taken from very near to Iranian border by M.Kemal on 22 04 2012 (Cesa)



*Research Article*

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## Fauna of the family *Dolichopodidae* (Diptera) of the Vorona river basin

O.P. Negrobov, <sup>1</sup> M.A. Chursina I.I.Kornev <sup>2</sup>

**Abstract:** Fauna of the family *Dolichopodidae* (Diptera) of the Vorona river basin. *Cesa News* 102: 5 - 12.

The 31 new species of the family *Dolichopodidae* for the Vorona river basin of Russia with ecological and faunal data are given.

**Key words:** *Diptera*, *Dolichopodidae*, fauna, Tambov region, Penza region.

### Introduction

The material for this study has been collected on the territory of the State Natural Reserve "Voroninsky" and Belinsky State wildlife reserves, during August 2014. As a result the data of the *Dolichopodidae* fauna of river Vorona basin were obtained, including sites in the Tambov and Penza regions. It was found 31 species of 9 genera, all of which were new for these regions. Information on the *Dolichopodidae* fauna for these areas in the literature is absent.

Reserve "Voroninsky" is located in the middle of the stream of river Vorona (right tributary of Khopejr). The area of investigated region is flat, strongly dissected of river Vorona, river Rzhavka and systems of ravines and gullies.

Collecting was conducted in different sites in the communities of some types. Foremost, collection is done in oak forests which are located outside the floodplain, which are widespread in the Tambov region. Another site was placed in the floodplain deciduous forests represented mainly alder, placed in banks of river Rzhavka, near the territory of village Inzhavino (Tambov region).

*Dolichopodidae* are widespread on shores of the lakes Ramza and Kipets, surrounded by floodplain meadows and pine cultures (Tambov region). Some species were found on the territory of the lowland swamp Mokhovoe, located in the floodplain birch (Penza region).

The material also was collected in village Porevka, on Barska mountain, the highest point of this territory, and on banks of river Porevka (Tambov region). In addition material was obtained in village Inzhavino on the territory of spring, in village Orlovka – on shores of pond. Banks of river Vorona were investigated near the villages Ikonovka 1st and Kara-Saltykovo.

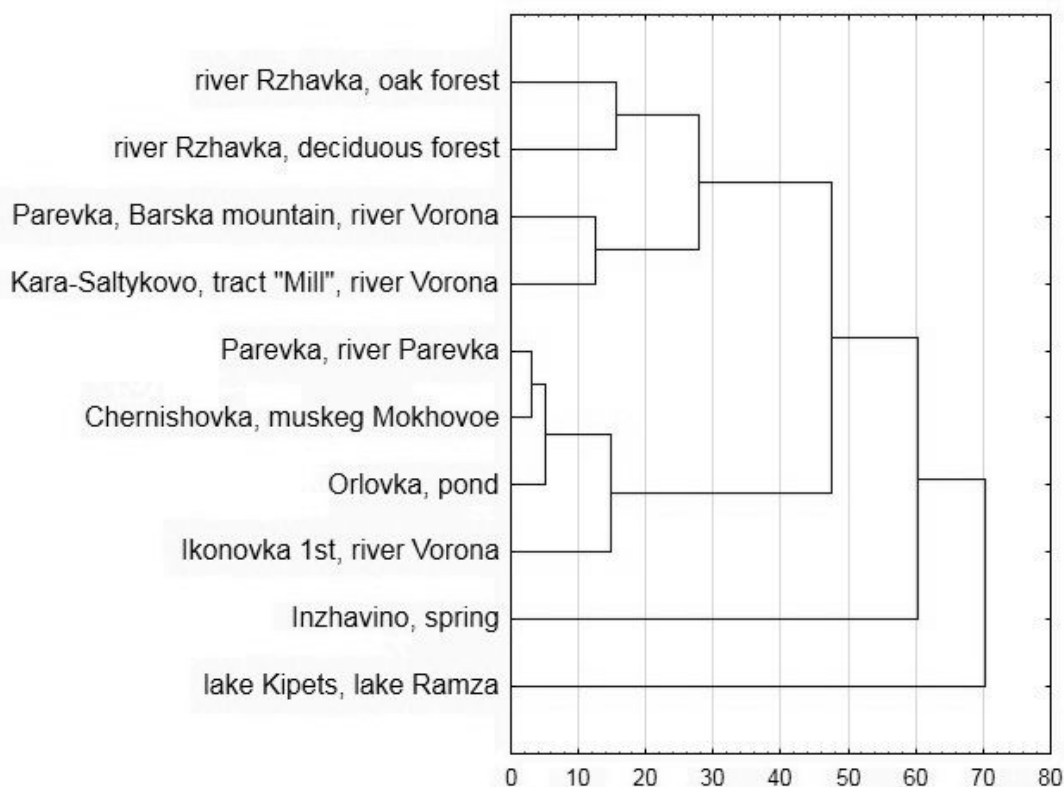
Faunal data were analyzed statistically in the program Statistica 10 and using Jaccard index. So in this paper records of species of *Dolichopodidae* from Vorona river basin are presented. The following conclusions were obtained.

Obtained data show similarity of *Dolichopodidae* fauna on sites placed on banks of river Rzhavka in different ecosystems (in oak forest and deciduous forest). The most widespread species in the territory of these forests are species of the genus *Dolichopus* Latreille: *D. latilimbatus* Macquart, 1827, *D. nigricornis* Meigen, 1824, *D. simplex* Meigen, 1824, *D. trivialis* Haliday, 1832, described from many regions of Russia, and *Hercostomus convergens*, which rare was noted only in the Voronezh region and the North Caucasus.

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Faunal similarity of such sites as bank of river Parevka, pond in village Orlovka and muskeg Mokhovoe is stochastic and based on small number of founding species. Dolichopodidae fauna of lakes obviously stands out from the other sites because of presents such species of *Rhaphium* Meigen, 1803.



**Fig. 1.** Dendrogramm of *Dolichopodidae* fauna of sites of the Vorona river basin constructed using Ward's method (Statistica 10).

Particularly widespread is *D. trivialis* Haliday, 1832, presented in oak forests, in the deciduous forests, on the banks of river Rzhavka and in the coastal zone of lake Kipets and lake Ramza, and ecosystem of peat swamp Mokhovoe, located in the basin of Vorona river. Previously this species was discovered in Moscow, Novgorod, Leningrad, Voronezh, Krasnodar, Tomsk, Altai, Saratov, Ryazan, Krasnoyarsk regions, in Siberia and in the North Caucasus. (Negrobov et al., 2013)

Such species as *D. latilimbatus* Macquart, 1827 is represented in all of the studied habitats except peat swamp. Previously it was described for Moscow, Voronezh, Krasnodar, Ryazan, Kursk regions and for the North Caucasus.

Species of *Dolichopus* Latreille (*D. latilimbatus* Macquart, 1827, *D. nubilus* Meigen, 1824, *D. trivialis* Haliday, 1832) is also widespread in coastal ecosystems of lakes Kipets and Ramza. Fauna of dipter of genus *Rhaphium* Meigen, 1803 is characteristic for the thickets of cattail.

The floodplain deciduous forests are typical for this region and characterized by diverse Dolichopodidae fauna, consisting of representatives of the genera *Dolichopus* Latreille, 1796, *Hercostomus* Loew, 1857, *Campsicnemus* Haliday, 1851, *Syntormon* Loew, 1857. Rare species *Hercostomus convergens* (Loew, 1857) is widely represented in oak forests, in moist habitats on broadleaf underwood and leaves of *Mercurialis perennis*, near to open water.

Swamp Mokhovoe is a stable climax ecosystem and hasn't open water. Dolichopodidae are rare there and represented by the species *Medetera meridionalis* Negrobov, 1967, *Chrysotus suavis* Loew, 1857, *Chrysotus gramineus* (Fallén, 1823), and *Dolichopus trivialis* Haliday, 1832.

Rare species *Systemus bipartitus* (Loew, 1850), noted on the territory of the Voroninsky reserve for the ecosystem of oak forest, was previously found in Russia only in the Leningrad region (Negrobov et al., 2013).



## A revised checklist and material examined

### Genus *Campsicnemus* Haliday, 1851

#### *Campsicnemus lumbatus* Loew, 1857

Loew, 1857. Programm K. Realschule zu Meseritz, 1857: 28

**Material.** 1 ♀ Tambov Region, Kara-Saltykovo, tract "Mill", river Vorona, 05.08.2014 (Kornev); 6 ♂, 1 ♀, Tambov Region, v. Kipets, lake Kipets, 05.08.2014 (Kornev); 3 ♂, 1 ♀, Tambov Region, v. Parevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev).

**Distribution.** Russia: Leningrad reg., Voronezh reg., North Caucasus, Orenburg reg., Ryazan reg., Krasnoyarsk Territory, Moscow reg., Voronezh reg. (Negrobov et al., 2013).

**Note.** Species is recorded from the region for the first time.

#### *Campsicnemus picticornis* (Zetterstedt, 1843)

Zetterstedt, 1843: Dipt. Scand., 2: 607

**Material.** 1 ♂, Tambov Region, v. Parevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev).

**Distribution.** Russia: Leningrad reg., Kamchatka, Yakutia, Buryatia, Sayan Mountains, Primorye, Yakutia, Jewish AR, Khabarovsk Territory, Krasnoyarsk Territory, Sayan Mountains, Novosibirsk reg. (Negrobov et al., 2013).

**Note.** Species is recorded from the region for the first time.

#### *Campsicnemus pumilio* (Zetterstedt, 1843)

Zetterstedt, 1843: Dipt. Scand., 2: 606

**Material.** 1 ♂, 1 ♀, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev).

**Distribution.** Russia: Moscow reg., Leningrad reg., Voronezh reg., North Caucasus, Yakutia, Krasnodar Territory, Ryazan reg., Yakutia, Krasnoyarsk Territory, Novgorod reg. (Negrobov et al., 2013).

**Note.** Species is recorded from the region for the first time.

#### *Campsicnemus scambus* (Fallén, 1823)

Fallén, 1823: Monogr. Dolichopod. Sveciae: 19

**Material.** 1 ♂, 1 ♀, Tambov Region, v. Parevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev); 1 ♂, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

**Distribution.** Russia: Moscow reg., Murmansk reg., Leningrad reg., Voronezh reg., North Caucasus, Altai, Primorye, Ryazan reg., Yakutia, Vologda reg., Khabarovsk Territory, Altai, Saratov reg., Krasnoyarsk Territory, Khanty-Mansi autonomous region, Novgorod reg. (Negrobov et al., 2013).

**Note.** Species is recorded from the region for the first time.

### Genus *Chrysotus* Meigen, 1824

#### *Chrysotus gramineus* (Fallén, 1823)

Fallén, 1823. Monogr. Dolichopod. Svec.: 19

**Material.** 1 ♂, Penza Region, v. Chernishovka, muskeg Mokhovoe, 14.08.2014 (Chursina).

**Distribution.** Russia: Moscow reg., Murmansk reg., Novgorod reg., Leningrad reg., Voronezh reg., North Caucasus, Ryazan reg., Yakutia, Krasnoyarsk Territory, Vologda reg., Altai, Krasnodar Territory, Karelia, Arkhangelsk reg., Novgorod reg., Pskov reg., Yaroslavl reg., Kursk reg., Lipetsk reg., Adygea, Karachai-Cherkess Republic, Bashkortostan, Orenburg reg., Chelyabinsk reg., Tomsk reg., Altai, Irkutsk reg., Buryatia, Chita reg., Amur reg., Khabarovsk Territory, Tatarstan rep. (Negrobov et al., 2013).

**Note.** Species is recorded from the region for the first time.

***Chrysotus suavis* Loew, 1857**

Loew, 1857. Programm K. Realschule Meseritz 1857: 49

*Material.* 1 ♂, Penza Region, v. Chernishovka, muskeg Mokhovoe, 14.08.2014 (Chursina).

*Distribution.* Russia: Leningrad reg., Voronezh reg., North Caucasus, Krasnodar Territory, Ryazan reg., Yakutia, Adygea, Altai, Krasnoyarsk Territory, Tatarstan rep., Kursk reg., Lipetsk reg., Voronezh reg., Rostov reg., Irkutsk reg., Buryatia, Yakutia, Amur reg., Magadan reg., Khabarovsk Territory, Kamchatka, Astrakhan reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

**Genus *Dolichopus* Latreille, 1796*****Dolichopus campestris* Meigen, 1824**

Meigen, 1824: Syst. Besch. 4: 78

*Material.* 1 ♂, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev).

*Distribution.* Russia: Siberia, Novgorod reg., Leningrad reg., Primorye, North Caucasus, Ryazan reg., Kamchatka, Vologda reg., Altai, Krasnoyarsk Territory (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus latilimbatus* Macquart, 1827**

Macquart, 1827. Recl. Trav. Soc. Amat. Sci. Agric. Arts Lille 1826/1827: 277

*Material.* 11 ♂, 11 ♀, Tambov Region, Kara-Saltykovo, tract "Mill", river Vorona, 05.08.2014 (Kornev); 1 ♂, Tambov Region, lake Ramza, 05.08.2014 (Kornev); 2 ♂, 19 ♀, Tambov Region, v. Kipets, lake Kipets, 05.08.2014 (Kornev); 7 ♂, 23 ♀, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev); 1 ♀, Tambov Region, v. Inzhavino, river Rzhavka (backwater), 07.08.2014 (Kornev); 2 ♂, 2 ♀, Tambov Region, v. Porevka, river Porevka, 07.08.2014 (Kornev); 11 ♀, Tambov Region, v. Porevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev); 1 ♀, Tambov Region, v. Ikonovka 1st, river Vorona, 07.08.2014 (Kornev); 7 ♂, 17 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina), 5 ♂, 9 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina), 8 ♂, 25 ♀, Tambov Region, lake Kipets, lake Ramza, 15.08.2014 (Chursina), 2 ♀, Penza Region, v. Chernishovka, muskeg Mokhovoe, 14.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Yakutia, Voronezh reg., North Caucasus, Krasnodar Territory, Ryazan reg., Kursk reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus lineatocornis* Zetterstedt, 1843**

Zetterstedt, 1843: Dipt. Scand. 2: 538

*Material.* 1 ♂, 1 ♀, Tambov Region, v. Kara-Saltykovo, tract "Mill", river Vorona, 05.08.2014 (Kornev).

*Distribution.* Russia: Krasnodar Territory, Ryazan reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus litorellus* Zetterstedt, 1852**

Zetterstedt, 1852. Dipt. Scand. 11: 4277

*Material.* 1 ♂, 1 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Yakutia, Omsk reg., Altai (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus nigricornis* Meigen, 1824**

Meigen, 1824. Syst. Besch. 4: 82

*Material.* 1 ♀, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev); 1 ♂, 5 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Murmansk reg., Novgorod reg., Leningrad reg., Far East, Ryazan reg., Magadan reg., Yamal-Nenets autonomous region, Vologda reg., Yakutia, Khabarovsk Territory, Altai, Saratov reg., Krasnoyarsk Territory, Khanty-Mansi autonomous region, Irkutsk reg., Sayan Mountains (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.



***Dolichopus nubilus* Meigen, 1824**

Meigen, 1824. Syst. Besch. 4: 96

*Material.* 1 ♂, 1 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina), 1 ♀, Tambov Region, lake Kipets, lake Ramza, 15.08.2014 (Chursina).

*Distribution.* Russia: Karelia, Siberia, Leningrad reg., Voronezh reg., Saratov reg., Krasnodar Territory, North Caucasus, Kursk reg., Altai (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus pennatus* Meigen, 1824**

Meigen, 1824: Syst. Besch. 4: 90

*Material.* 1 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Murmansk reg., Novgorod reg., Pskov reg., Leningrad reg., Voronezh reg., North Caucasus, Magadan reg., Vologda reg., Yakutia, Altai, Krasnoyarsk Territory, Irkutsk reg., Tatarstan (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus simplex* Meigen, 1824**

Meigen, 1824: Syst. Besch., 4: 85

*Material.* 1 ♀, Tambov Region, lake Ramza, 05.08.2014 (Kornev); 1 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina), 2 ♂, 4 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

*Distribution.* Russia: Volga River basin, Moscow reg., Novgorod reg., Leningrad reg., Voronezh reg., North Caucasus, Murmansk reg., Mordovia, Ryazan reg., Vologda reg., Kursk reg., Saratov reg., Kaluga reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus trivialis* Haliday, 1832**

Haliday, 1832: Zool. J. Lond., 5(1830-1831): 363

*Material.* 2 ♂, 8 ♀, Tambov Region, v. Inzhavino, river Rzhavka, 03.08.2014 (Kornev); 1 ♀, Tambov Region, v. Inzhavino, river Vorona, 03.08.2014 (Kornev); 1 ♀, Tambov Region, v. Parevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev); 1 ♂, 3 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina), 5 ♂, 11 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina), 1 ♀, Tambov Region, lake Kipets, lake Ramza, 15.08.2014 (Chursina), 1 ♀, Penza Region, v. Chernishovka, muskeg Mokhovoe, 14.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Siberia, Novgorod reg., Leningrad reg., Voronezh reg., North Caucasus, Tomsk reg., Krasnodar Territory, Altai, Saratov reg., Ryazan reg., Krasnoyarsk Territory, Adygea (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Dolichopus wahlbergi* Zetterstedt, 1843**

Zetterstedt, 1843: Dipt. Scand., 2: 546

*Material.* 1 ♂, Tambov Region, v. Inzhavino, river Rzhavka, 03.08.2014 (Kornev).

*Distribution.* Russia: Karelia, Leningrad reg., Primorye, North Caucasus, Voronezh reg., Mordovia, Ryazan reg., Krasnodar Territory, Vologda reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

**Genus *Hercostomus* Loew, 1857*****Hercostomus aerosus* (Fallén, 1823)**

Fallén, 1823. Monogr. Dolichopod. Svec.: 15

*Material.* 1 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

*Distribution.* Russia: Moscow reg., Murmansk reg., Novgorod reg., Leningrad reg., Primorye, Voronezh reg., North Caucasus, Mordovia, Ryazan reg., Arkhangelsk reg., Amur reg.,

Baikal, Sakhalin, Vologda reg., Saratov reg., Krasnoyarsk Territory, Irkutsk reg., Sayan Mountains (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Hercostomus chrysozygos* (Wiedemann, 1817)**

Wiedemann, 1817: Zool. Mag., 1(1): 71

*Material.* 1 ♂, Tambov Region, v. Parevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev); 4 ♂, 2 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Volga River basin, Moscow reg., Voronezh reg., North Caucasus, Mordovia, Ryazan reg., Khabarobsk territory, Saratov reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Hercostomus convergens* (Loew, 1857)**

Loew, 1857: Programm K. Realschule zu Meseritz, 1857: 17

*Material.* 4 ♂, 5 ♀, Tambov Region, v. Inzhavino, river Rzhavka, 03.08.2014 (Kornev); 25 ♂, 15 ♀, Tambov Region, v. Inzhavino, spring, 04.08.2014 (Kornev); 4 ♂, 2 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Voronezh reg., North Caucasus (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Hercostomus metallicus* (Stannius, 1831)**

Stannius, 1831: Isis (Oken), 1831: 262

*Material.* 1 ♂, Tambov Region, v. Inzhavino, spring, 04.08.2014 (Kornev).

*Distribution.* Russia: Moscow reg., Leningrad reg., Voronezh reg., Mordovia, Ryazan reg., Saratov reg., Tatarstan (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Hercostomus nigriplantis* (Stannius, 1831)**

Stannius, 1831. Isis 1831: 250

*Material.* 1 ♀, Tambov Region, river Rzhavka, deciduous forest, 16.08.2014 (Chursina).

*Distribution.* Russia: Leningrad reg., Voronezh reg., North Caucasus, Mordovia, Kursk reg., Ryazan reg., Adygea, Tatarstan rep. (Negrobov et al., 2013)

*Note.* Species is recorded from the region for the first time.

**Genus *Medetera* Fischer von Waldheim, 1819**

***Medetera meridionalis* Negrobov, 1967**

Negrobov, 1967: Ent. Obozr. 46(4): 903

*Material.* 1 ♀, Penza Region, v. Chernishovka, muskeg Mokhovoe, 14.08.2014 (Chursina).

*Distribution.* Russia: Voronezh reg., Rostov reg., Krasnodar territory, Volgograd reg., Penza reg., Adygea, Orenburg reg., Altai, East Siberia (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

**Genus *Poecilobothrus* Mik., 1878**

***Poecilobothrus bigoti* Mik, 1883**

Mik, 1883. Wien. Ent. Ztg. 2: 88

*Material.* 1 ♂, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Krasnodar Territory, North Caucasus. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Poecilobothrus comitalis* (Kowarz, 1867)**

Kowarz, 1867: Verh. zool.-bot. Ges. Wien, 17: 320

*Material.* 2 ♂, Tambov Region, v. Ikonovka 1st., river Vorona, 07.08.2014 (Kornev).



*Distribution.* Russia: Voronezh reg., North Caucasus, Saratov reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Poecilobothrus regalis* (Meigen, 1824)**

Meigen, 1824: Syst. Besch., 4: 75

*Material.* 1 ♂, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev); 3 ♂, 8 ♀, Tambov Region, Ikonovka 1st., river Vorona, 07.08.2014 (Kornev); 1 ♂, 1 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Voronezh reg., North Caucasus, Saratov reg., Krasnodar Territory (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

**Genus *Rhaphium* Meigen, 1803**

***Rhaphium appendiculatum* Zetterstedt, 1849**

Zetterstedt, 1849: Dipt. Scand., 8: 3058

*Material.* 1 ♂, 3 ♀, Tambov Region, v. Inzhavino, spring, 04.08.2014 (Kornev).

*Distribution.* Russia: Moscow reg., Krasnodar Territory, North Caucasus (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Rhaphium caliginosum* Meigen 1824**

Meigen, 1824: Syst. Besch., 4: 29

*Material.* 1 ♂, 3 ♀, Tambov Region, v. Kara-Saltykovo, tract "Mill", river Vorona, 05.08.2014 (Kornev); 1 ♀, Tambov Region, v. Inzhavino, river Rzhavka (backwater), 07.08.2014 (Kornev); 1 ♀, Tambov Region, v. Orlovka, pond, 07.08.2014 (Kornev); 1 ♂, Tambov Region, v. Porevka, river Porevka, 07.08.2014 (Kornev).

*Distribution.* Russia: Moscow reg., Murmansk reg, Leningrad reg., North Caucasus, Voronezh reg., Krasnoyarsk Territory, Krasnodar Territory, Adygea, Kursk reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Rhaphium elegantulum* (Meigen, 1824)**

Meigen, 1824: Syst. Besch., 4: 51

*Material.* 1 ♂, Tambov Region, Porevka, Barska mountain, river Vorona (backwater), 07.08.2014 (Kornev); 1 ♀, Tambov Region, Ikonovka 1st., river Vorona, 07.08.2014 (Kornev).

*Distribution.* Russia: Murmansk reg., Ural, Leningrad reg., Kamchatka, Voronezh reg., Krasnodar Territory, Mordovia, Ryazan reg., Yakutia, Krasnoyarsk Territory, Saratov reg., Tatarstan, Khanty-Mansi autonomous region (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

***Rhaphium laticorne* (Fallen 1823)**

Fallen, 1823: Monogr. Dolichopod. Sveciae: 5

*Material.* 1 ♂, Tambov Region, Porevka. Barska mountain, river Vorona (backwater), 17.07.08.2014 (Kornev).

*Distribution.* Russia: Moscow reg., Murmansk reg., Leningrad reg., Voronezh reg., North Caucasus, Murmansk reg., Mordovia, Ryazan reg., Krasnoyarsk Territory, Altai, Krasnodar Territory (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

**Genus *Syntormon* Loew, 1857**

***Syntormon pumilus* (Meigen, 1824)**

Meigen, 1824. Syst. Besch. 4: 53.

*Material.* 4 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Krasnodar Territory, Ryazan reg., Vologda reg., Astrakhan reg., Novosibirsk Region, Yakutia. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

### **Genus *Systemus* Loew, 1857**

#### ***Systemus bipartitus* (Loew, 1850)**

Loew, 1850. Stettin. Ent. Ztg. 11(4): 114.

*Material.* 2 ♀, Tambov Region, river Rzhavka, oak forest, 13.08.2014 (Chursina).

*Distribution.* Russia: Leningrad reg. (Negrobov et al., 2013).

*Note.* Species is recorded from the region for the first time.

### **Reference**

**Negrobov, O.P., Selivanova O.V., Maslova O.O., Chursina M.A.** 2013. Check-list of predatory flies of the family Dolichopodidae (Diptera) in the fauna of Russia. Plant protection news, supplement. Sankt-Peterburg: VIZR RASHN. P. 47-93.



## Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:26C08360-92B8-4942-B8A5-3B16F74F1EDC>

## On the occurrence of *Idia calvaria meridiorientalis* in Siirt Province of SE Turkey (*Lepidoptera*, *Noctuidae*)

Erdem Seven   Muhabbet Kemal   Ahmet Ömer Koçak

**Abstract:** On the occurrence of *Idia calvaria meridiorientalis* in Siirt Province of SE Turkey (*Lepidoptera*, *Noctuidae*). *Cesa News* 102: 13 - 15, 5 figs.

In this paper, a new faunistical record of *Idia calvaria* ([Denis & Schiff.]) for Siirt Province is given. Adult insect, male genitalia and habitat are illustrated. Subspecific identity is also stated.

**Key words:** *Idia calvaria meridiorientalis*, *Noctuidae*, fauna, morphology, Siirt, Turkey.

*Idia calvaria* was described by [Denis & Schiffermüller] in 1775 from Vienna (Austria). Currently this species is widely distributed in Central, North, South-East Europe, Turkey, and Iran. The subspecies *meridiorientalis* was described by Osthelder (1940) from South Turkey, Kahramanmaraş Province (see on page 230, Map 28). This subspecies differs from nominate subspecies by the absence of yellowish discal spot on forewing. The caterpillar of this species feeds upon the leaves of *Quercus*, *Populus*, *Salix* and *Betula* trees (Poole, 1989).

Hitherto known provinces of Turkey of the ssp. *meridiorientalis* Osth. is as follows: Amasya, Antalya, Hakkari, Hatay, İçel, Kahramanmaraş, Niğde ve Sivas. The nominate subspecies is represented in Bolu Province.<sup>3</sup>

During the excursions to Şirvan district (Siirt Prov.) in 2013, the authors collected a number of males and females of this subspecies by using light trap. Observations in early morning and the habitat of the species are illustrated (**Figs. 1-3**). For the specific identity, male genitalia was dissected (**Figs. 4-5**). There is no remarkable difference on the male genitalia between the subspecies under discussion. Faunistically, this record is new for Siirt Province (Koçak & Kemal, 2007; Seven, 2014). The material used are explained below.

**Material examined:** 3♂♀ Siirt Prov. Şirvan, Maden geçidi 1360m, 01 07 2013 M Kemal A Koçak (Cesa);

Şirvan: 1♀ Boylu 985m 11 07 2013, 1♂ Tatlıpayam 1330m 14 07 2013, 2♀ Doğruca 1200m 17 07 2013, 1♀ Yayladağ 1500m 16 07 2013, 1♂ Maden yolu 01 09 2014, E.Seven leg. & coll.

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<sup>3</sup> This information is based upon Info-system of the Cesa <http://www.cesa-tr.org/Infos.htm>



1



2



3





4



5

**Figs. 1-5** - *Idia calvaria* ssp. *meridiorientalis* (Noctuidae). **1.** Habitat, **2,3.** Moths attracted by the light trap, 17 2013. **4.** Prepared male specimen before dissecting, **5.** Male genitalia (GP2074), M.Kemal (Cesa)



*Research Article*

<http://zoobank.org/urn:lsid:zoobank.org:pub:80FEEBF8-64E4-450E-8E92-AE69414D612C>

## On the *Pterygota* fauna of Hatay Province (S. Turkey), based upon the info-system of the Cesa

Muhabbet Kemal Ahmet Ömer Koçak

**Abstract:** On the *Pterygota* fauna of Hatay Province (S. Turkey), based upon the info-system of the Cesa. *Cesa News* 102: 16 – 233, 101 [+1] figs. 34 maps.

The present paper deals with faunal lists of *Pterygota* of Hatay Province (South Turkey). Totally 2118 species of 194 families in 14 pterygot orders are given as two separate lists. Totally, 669 species of 43 families of *Lepidoptera* are arranged alphabetically together with their synonyms, taxonomical references, distributional and bionomical information. Additionally, 1449 species of 151 families in 13 pterygot orders are arranged as synonymous list. Separately, faunistical results of spring excursion (2012) realized by authors are given as illustrated list of 158 species. Hitherto known 504 species of the pterygots from Akbes are also listed alphabetically. Totally 34 integrated distributional maps for *Lepidoptera* are given. Present situation of the region is also briefly discussed.

**Key words:** *Pterygota*, *Lepidoptera*, Hatay, Turkey, fauna.



*Stellagama stellio* (Agamidae), a predator over insects. Samandağ, Meydan 13 4 2012, M Kemal (Cesa)

## Introduction

Hatay province and its environs is one of the most important region of Turkey. Its rich biodiversity has been well noticed by especially french collectors, like Delagrange in late 19th Century. At that time, Akbes visited frequently by them, an important biological station considered as a part of highland of Syria. The Microlepidoptera of Akbes was published by Ragonot (1895), the rest of the material was published by various authors. Another historically important place “Shar Deresy, or Shar Devesy” was also visited by the native collectors in 1890-1893, and its *Lepidoptera* fauna was evaluated by foreign lepidopterists (Walsingham, etc.). The geographical position of the latter place is still obscure; it is considered as syrian territory by some authors, or as turkish, even in Kahramanmaraş Province by the others (Hesselbarth et al.,1995).

Amanos is the most important mountain range in these provinces. Its several subalpine peaks are currently occupied by some non-public organisations (usually military); therefore unapproachable for the ordinary citizens. Besides, the terrorist activities and attacks in the forest zone of the Upper Heights were also not seldom in the last decades. Although its known biological richness, no serious and comprehensive research has been carried out or published by the native scientists so far. But yet, sporadic collecting attempts by foreigners in late 20th Century, on the butterflies of this mountain have been compiled in Hesselbarth's book.

Faunistically, the two important publications were based upon the entomological material obtained by Kindermann and Tölg during expeditions to Amanos in 1858 and 1914 respectively (Lederer, 1861; Rebel,1917). In the latter, Tölg and his team were stationed at Yarbaşı during the 1. World War, and they collected material from various places, which are currently included to Hatay, Osmaniye, Adana, Gaziantep and Kahramanmaraş Provinces. Unfortunately, comprehensive, noteworthy, or leaving good impression publications in the last decades for the entomofauna of the province are lacking.

Greater part of Amanos Mountains is now placed in Hatay Province, but its northern territories, connected with Düldül Dağı, is shared by Osmaniye and Kahramanmaraş Provinces. As a whole, the present situation of the region is extremely unrest, due to the Syrian internal turmoil and some dangerous political preferences in our country. Therefore, scientific activities, like field studies in the remote areas cannot be recommended (A.Ö.K.).

Within the private project entitled “Entomofauna of Turkey” of the Cesa,<sup>4</sup> the authors published two informative papers on the Hatay pterygots so far. They listed the Lepidoptera species of Hatay Province as 510 species (Koçak & Kemal, 2007). Last year, they informed the number of the species of the Lepidoptera and other pterygot orders in 81 provinces of Turkey. Hatay was represented by 570 Lepidoptera and 1289 Pterygota (Koçak & Kemal, 2014). In the present paper, totally 2118 species of the pterygot orders are listed from Hatay Province. The submitted results are provisional. The faunal numbers are, for the this reason, incomplete, and the studies are still ongoing. The expected faunal number for the province is more than 5000 species.

In the present paper, two major lists are arranged. The first one belongs to the Lepidoptera order. The second list belongs to various pterygot orders of the province. Separately, results of two attempts are also given here. The authors realized privately a short, spring excursion from Van province (East Turkey) to Meydan, a frontier town of Samandağ (Hatay Province), in April 2012, shortly after the strong earthquake of Van (2011 October). Its o b s e r v a t i o n a l results are given here as an illustrated list of 158 species, together with some new provincial records (**Figs. 1-101**). The second attempt is a separate faunal list of an historical locality in the Amanos Mountain, namely Akbes. Since Ch. Delagrange's collecting visit in late 19th Century, Akbes is considered as an important faunistical centre of the province as mentioned above. However, within the last decades, Akbes and its upper heights has been compulsorily neglected, due to the terrorist activities. Preliminary faunal lists of Akbes are prepared here for the 504 species of Lepidoptera and other pterygots. Bibliographically, selected 219 items have been listed as author index at the end of this paper. For detailed bibliographical studies have been already published by the authors

<sup>4</sup> Number of the species of Entomofauna of Turkey are still on the rise. It was recently 23773 species (Koçak, 2014, *Priamus* (Suppl.) nr.32). Today, the total number is **24233** (info-system of the Cesa).

(Koçak & Kemal, 2010, 2011; Koçak, 2014). Additionally, for 34 species integrated distributional maps have been prepared as examples for this paper (**Maps 1-34**). For mapping within the Cesa projects, the program development, including map preparation and inserting data (range codes) to each species, are the responsibilities of the authors, and these processes are still ongoing.

## Acknowledgement

We sincerely thank to Sertel family for their kind hospitality and valuable helps during our excursion in 2012.

## Pictorial list of the pterygots recorded at Meydan village (Samandağ)

### Lepidoptera

(Figs. 1-52)

1. *Alucita* sp. (Alucitidae) (**Fig.1**) Note: For a precise identification, genital morphology must be studied.
2. *Diaphora mendica* (Linnaeus,1761) (Arctiidae) (**Fig.2**)
3. *Melitaea (Didymaeformis) syriaca* Rebel,1905 (Argynnidae)
4. *Pyroderces argyrogrammos* (Zeller,1847) (Cosmopterigidae) (**Fig.3**) New to Hatay Province!
5. *Cilix asiatica* A.Bang-Haas,1907 (Drepanidae) (**Fig. 4**) New to Hatay Province!
6. *Isophrictis striatella* ([Denis & Schiffermüller],1775) (Gelechiidae) (**Fig. 5**) New to Hatay Province!
7. *Coenoteophria ablutaria* (Boisduval,1840), ssp. *hangayi* Vojnits,1986 (Geometridae) (**Fig.6**) New to Hatay Province! For the identification of this species, genital preparation is necessary. A common species in early spring.
8. *Cyclophora puppillaria* (Hübner,[1799]) (Geometridae) (**Fig.7**)
9. *Dasycorsa modesta* (Staudinger,1879) (Geometridae)
10. *Eupithecia extremata* (Fabricius,1787) (Geometridae)
11. *Gymnoscelis rufifasciata* (Haworth,[1809]) (Geometridae)
12. *Hyposcotis (Euchrognophos) subtaurica* (Wehrli,1932) (Geometridae) (**Fig.8**)
13. *Idaea degeneraria* (Hübner,[1799]) (Geometridae) (**Fig.9**)
14. *Idaea trigeminata* (Haworth,[1809]) (Geometridae) (**Fig. 10**)
15. *Orthonama obstipata* (Fabricius,1794) (Geometridae)
16. *Oulobophora externata* Freyer,1846 (Geometridae) (**Fig.11**)
17. *Oulobophora internata* (Püngeler,1888) (Geometridae) (**Fig.12**)
18. *Peribatodes rhomboidarius* [Denis & Schiffermüller],1775) (Geometridae) (**Fig.13**)
19. *Phaiogramma etruscaria* (Zeller,1849) (Geometridae) (**Fig.14**)
20. *Problepsis ocellata* (Frivaldszky,1845) (Geometridae) (**Fig.15**)
21. *Protorhoe corollaria* (Herrich-Schäffer,[1848]) (Geometridae)
22. *Pseudopanthera syriacata* (Guenée,1852) (Geometridae) (**Fig.16**)
23. *Scopula imitaria* (Hübner,[1799]) (Geometridae)
24. *Xanthorhoe fluctuata* (Linnaeus,1758) (Geometridae)
25. *Carcharodus (Reverdinus) orientalis* Reverdin,1913 (Hesperiidae)
26. *Carcharodus* (s.str.) *alceae* (Esper,[1780]) (Hesperiidae) (**Fig.17**)
27. *Erynnis* (s.str.) *tages* (Linnaeus,1758) (Hesperiidae) (**Fig.18**)
28. *Pyrgus melotis* (Duponchel,[1834]) (Hesperiidae) (**Fig.19**)
29. *Callophrys rubi* (Linnaeus,1758) (Lycaenidae) (**Fig.20**)
30. *Chilades (Freyeria) trochylus* (Freyer,[1843]) (Lycaenidae) (**Fig.21**)
31. *Glauopsyche* (s.str.) *alexis* (Poda,1761) (Lycaenidae)
32. *Lampides boeticus* (Linnaeus,1767) (Lycaenidae)
33. *Polyommatus* (s.str.) *icarus* (Rottemburg,1775) (Lycaenidae)
34. *Micropterix aruncella* (Scopoli,1763) (Micropterigidae) (**Fig.22**) [*ad interim*] New to Hatay Province!
35. *Acronicta (Viminia) rumicis* (Linnaeus,1758) (Noctuidae)
36. *Aedia funesta* (Esper,[1786]) (Noctuidae)
37. *Agrotis (Putagrotis) syricola* Berio,1936 (Noctuidae) (**Fig.23**) [*ad interim*]
38. *Agrotis* (s.str.) *ipsilon* (Hufnagel,1766) (Noctuidae)



39. *Amephana dalmatica* (Rebel,1919) (Noctuidae) **(Fig.24)**
40. *Calophasia platyptera* (Esper,[1788]) (Noctuidae)
41. *Chloantha hypericii* (Fabricius,1787) (Noctuidae) **(Fig. 25)**
42. *Dysgonia algira* (Linnaeus,1767) (Noctuidae)
43. *Eublemma (cochylioides-gr.) cochylioides* (Guenée,1852)
44. *Eublemma (ostrina-gr.) ostrinum* (Hübner,[1808]) (Noctuidae)
45. *Eutelia adoratrix* (Staudinger,1892) (Noctuidae)
46. *Eutelia adulatrix* (Hübner,[1813]) (Noctuidae)
47. *Hadula (Calocestra (Hadumendax)) mendax* (Staudinger,1879) (Noctuidae)
48. *Mythimna (Aletia) l-album* (Linnaeus,1767) (Noctuidae)
49. *Nola cicatricalis* (Treitschke,1835) (Noctuidae) **(Fig.26)**
50. *Nola subchlamydula* Staudinger,1870 (Noctuidae) **(Fig.27)**
51. *Orthosia rubricosa* (Esper,[1786]) (Noctuidae) **(Fig.28)**
52. *Spodoptera cilium* Guenée,1852 (Noctuidae)
53. *Xanthia castanea* (Osthelder,1933) (Noctuidae) **(Fig.29)** New to Hatay Province!
54. *Xylocampa areola* (Esper,[1789]) (Noctuidae)
55. *Harpyia milhauseri* (Fabricius,1775) (Notodontidae) **(Fig.30)**
56. *Esperia imitatrix* (Zeller,1847) (Oecophoridae)
57. *Archon apollinus* (Herbst), ssp. *bellargus* (Staudinger,1892) (Papilionidae) **(Fig.31)**
58. *Papilio (s.str.) machaon* Linnaeus,1758 (Papilionidae)
59. *Zerynthia (Allancastris) cerisyi* (Godart,1822) (Papilionidae) **(Fig. 32)**
60. *Zerynthia (Allancastris) deyrollei* (Oberthür,1869) (Papilionidae)
61. *Anthocharis cardamines* (Linnaeus,1758) (Pieridae)
62. *Euchloe (s.str.) belemia* (Esper,[1800]) (Pieridae) **(Fig. 33)**
63. *Gonepteryx (Isogonepteryx) cleopatra* (Linnaeus,1767) (Pieridae) **(Figs. 34, 35)**
64. *Gonepteryx (s.str.) farinosa* (Zeller,1847) (Pieridae)
65. *Leptidea sinapis* (Linnaeus,1758) (Pieridae)
66. *Pieris (s.str.) brassicae* (Linnaeus,1758) (Pieridae) **(Fig. 36)**
67. *Pieris (Artogeia) ergane* (Geyer,[1828]) (Pieridae)
68. *Pieris (Artogeia) rapae* (Linnaeus,1758) (Pieridae) **(Fig. 37)**
69. *Anania verbascata* (Fabricius,1787) (Pyralidae)
70. *Angustalius malacellus* (Duponchel,1836) (Pyralidae) **(Fig. 38)**
71. *Eudonia mercurella* (Linnaeus,1758) (Pyralidae)
72. *Mecyna aff. flavalis* (Pyralidae) **(Fig.39)**
73. *Pyla fusca* (Haworth,[1811]) (Pyralidae)
74. *Pyrausta virginalis* Duponchel,1832 (Pyralidae) **(Fig. 40)**
75. *Udea ferrugalis* (Hübner,1796) (Pyralidae) **(Fig. 41)**
76. *Uresiphita polygonalis* ([Denis & Schiffermüller],1775) (Pyralidae) **(Fig. 42)**
77. *Saturnia (s.str.) pyri* ([Denis & Schiffermüller],1775) (Saturniidae) **(Fig. 43)**
78. *Lasiommata maera* (Linnaeus,1758) (Satyridae)
79. *Lasiommata megera* (Linnaeus,1767) (Satyridae) **(Fig. 44)**
80. *Pararge aegeria* (Linnaeus,1758) (Satyridae) **(Fig. 45)**
81. *Ypthima asterope* (Klug,1832) (Satyridae) **(Fig. 46)**
82. *Hyles livornica* (Esper,[1780]) (Sphingidae)
83. *Reisserita chrysopterella* (Herrich-Schäffer,[1854]) (Tineidae) **(Fig. 47)** New to Hatay Province!
84. *Trichophaga tapetzella* (Linnaeus,1758) (Tineidae) **(Fig.48)**
85. *Grapholita* sp. (Tortricidae) **(Fig.49)**
86. *Hedya pruniana* (Hübner,[1799]) (Tortricidae) **(Fig.50)**
87. *Phtheochroa sodaliana* (Haworth,1811) (Tortricidae) **(Fig.51)** New to Hatay Province!
88. *Plutella xylostella* (Linnaeus,1758) (Yponomeutidae) **(Fig.52)**
89. *Zygaena (s.str.) ramburii* Herrich-Schäffer,1861 (Zygaenidae)





**Fig. 1** – *Alucita* sp. (Alucitidae), at light trap, nocturnal. Samandağ, Meydan 80m 9 4 2012, M Kemal (Cesa)



**Fig.2** – *Diaphora mendica* (Arctiidae), at light trap, nocturnal. Samandağ, Meydan 80m 8 4 2012, M Kemal (Cesa).





**Fig. 3** – *Pyroderces argyrogrammos* (Cosmopterigidae), nocturnal. Samandağ, Meydan Karabucak 35m 9 4 2012, M Kemal (Cesa).

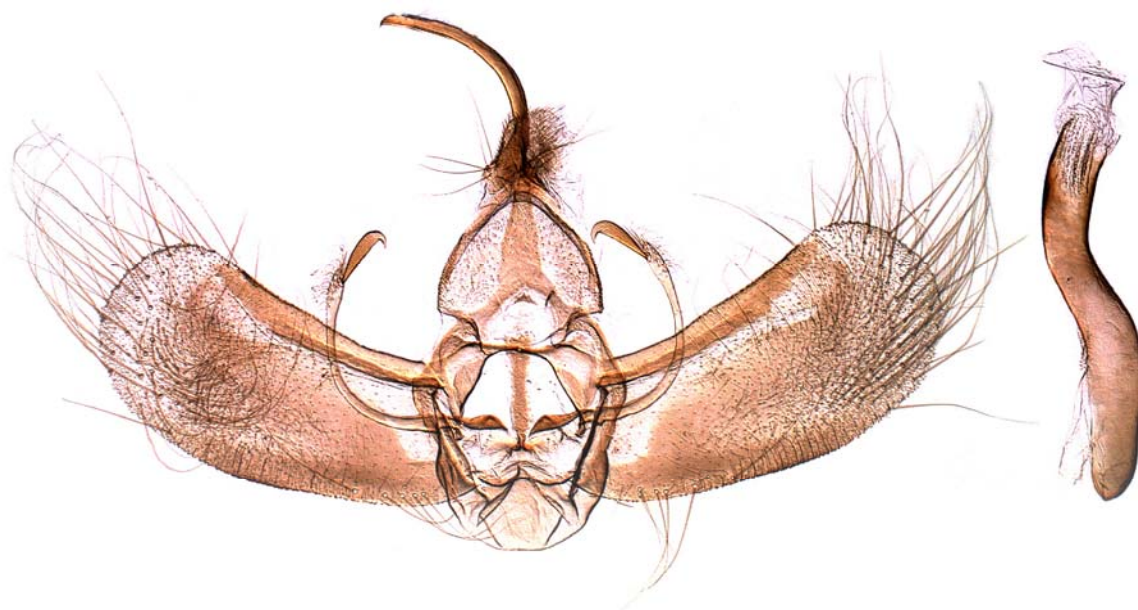


**Fig. 4-** *Cilix asiatica* (Drepanidae), nocturnal. Samandağ Meydan 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 5-** *Isophrictis striatella* (Gelechiidae). Samandağ, Meydan 12 4 2012, M Kemal (Cesa).



**Fig. 6** – *Coenoteophria ablutaria* (Geometridae), male genitalia (GP2128, M.Kemal), Samandağ, Meydan, Karabucak 35m, nocturnal, 13 04 2012 (Cesa).





**Fig. 7** – *Cyclophora puppillaria* (Geometridae), at light trap, nocturnal. Samandağ, Meydan 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 8** – *Hyposcotis* (*Euchrognophos*) *subtaurica* (Geometridae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).





**Fig. 9** – *Idaea trigeminata* (Geometridae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 10** – *Idaea degeneraria* (Geometridae), at light trap, nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).





**Fig. 11** – *Oulobophora externata* Freyer, 1846 (Geometridae), at light trap, nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



**Fig. 12** – *Oulobophora internata* (Geometridae), nocturnal. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)





**Fig. 13** – *Peribatodes rhomboidarius* (Geometridae), nocturnal. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 14** – *Phaiogramma etruscaria* (Geometridae), at light trap, nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).





**Fig. 15** – *Problepsis ocellata* (Geometridae), nocturnal. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 16** – *Pseudopanthera syriacata* (Geometridae), diurnal. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)





**Fig. 17** – *Carcharodus alceae* (Hesperiidae), in copula. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 18** – *Erynnis tages* (Hesperiidae). Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)





**Fig. 19** – *Pyrgus melotis* (Hesperiidae). Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 20** – *Callophrys rubi* (Lycaenidae). Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).





**Fig. 21** – *Chilades trochylus* (Lycaenidae). Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 22** – *Micropterix aruncella* (Micropterigidae). Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).





**Fig. 23** – *Agrotis syricola* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



**Fig. 24** – *Amephana dalmatica* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 25** – *Chloantha hypericii* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



**Fig. 26** – *Nola cicatricalis* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 27** – *Nola subchlamydula* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 28** – *Orthosia rubricosa* (Noctuidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



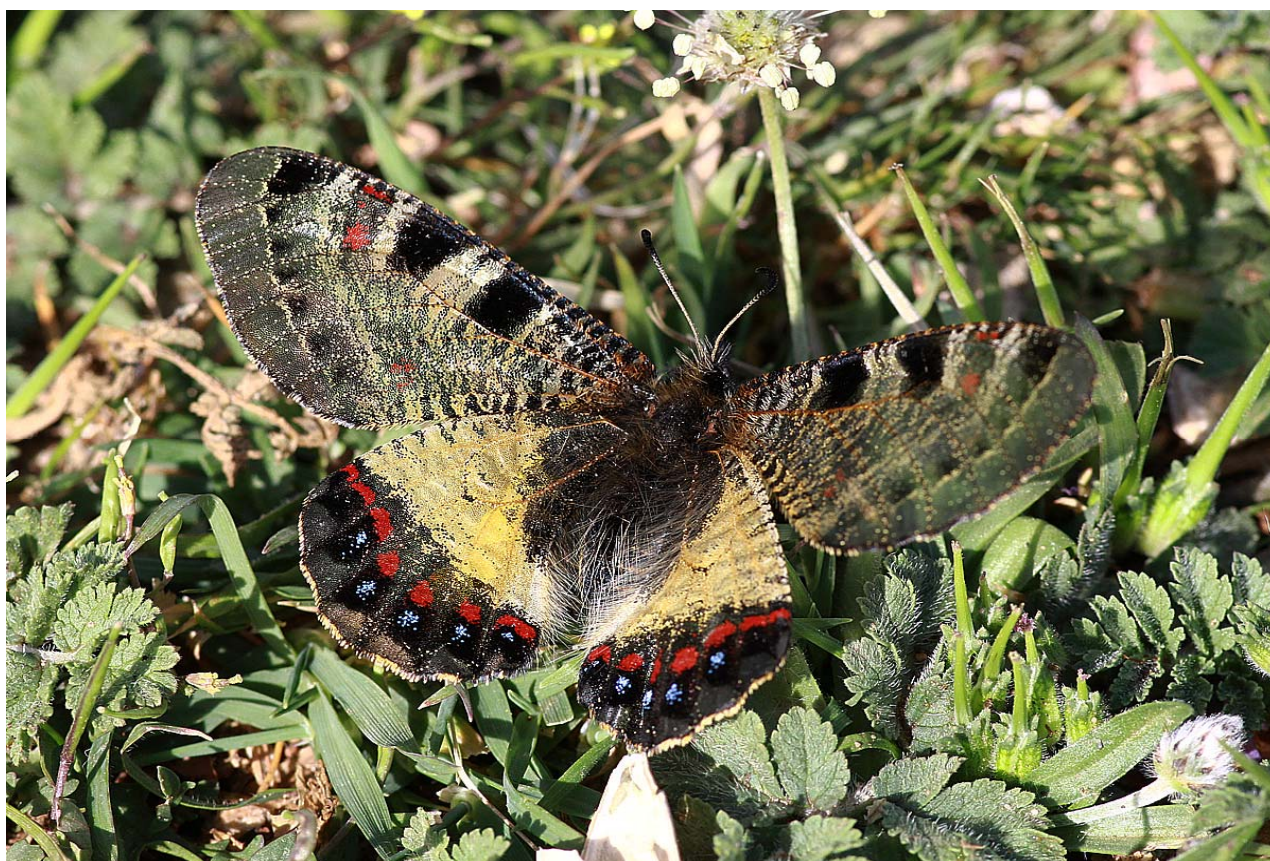


**Fig. 29** – *Xanthia castanea* (Noctuidae), nocturnal. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)

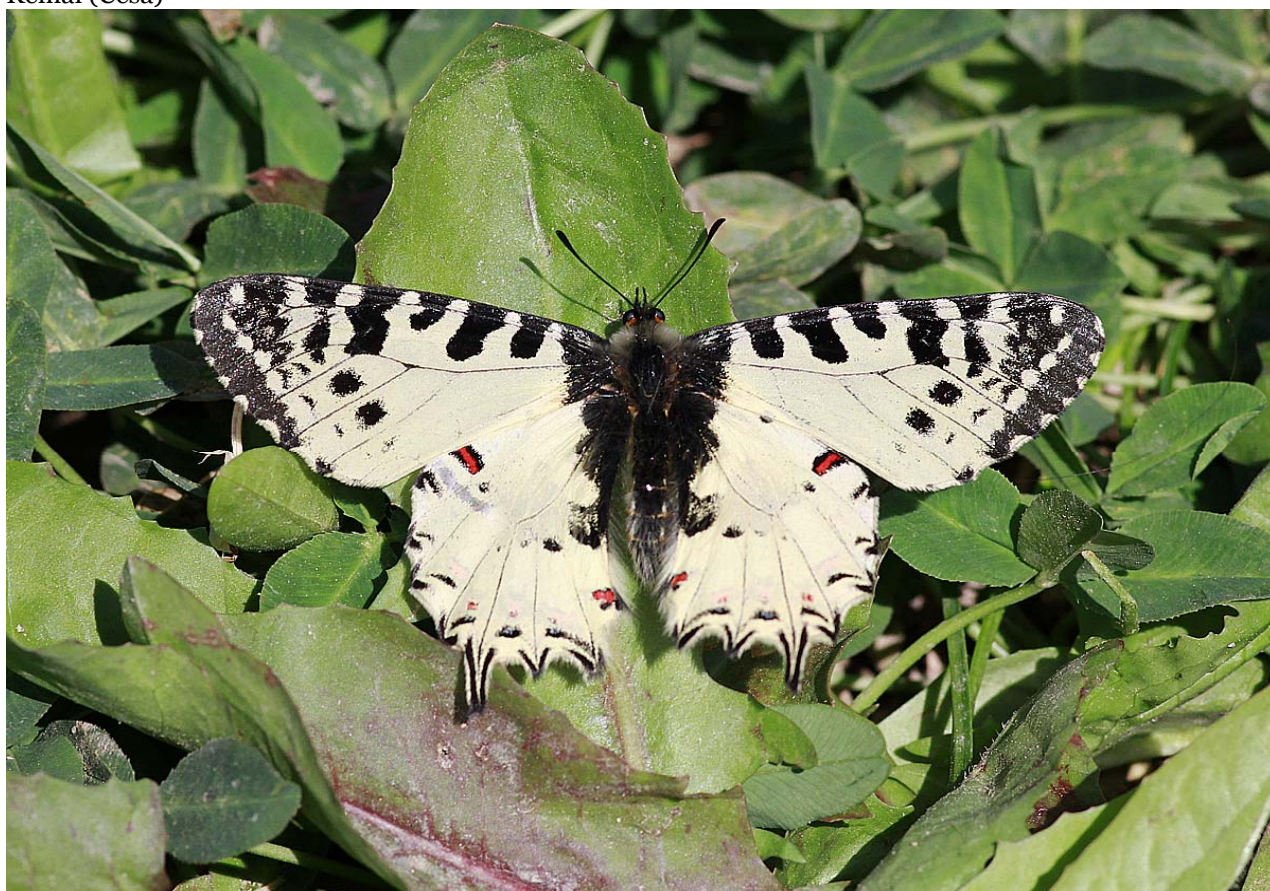


**Fig. 30**– *Harpyia milhauseri* (Notodontidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 31** – *Archon apollinus* (Papilionidae), a female during basking. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 32** – *Zerynthia (Allancastris) cerisyi* (Papilionidae), a male during basking. Samandağ Meydan (Fenk) 8 4 2012, M Kemal (Cesa)





**Fig. 33** – *Euchloe (s.str.) belemia* (Pieridae). Samandağ Meydan 80m (Fenk) 8 4 2012, M Kemal (Cesa)



**Fig. 34** – *Gonepteryx (Isogonepteryx) cleopatra* (Pieridae), a flying male. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 35** – *Gonepteryx* (*Isogonepteryx*) *cleopatra* (Pieridae), courtship in the air during mid-day; female is flying above the male. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 36** – *Pieris brassicae* (Pieridae), grown caterpillars. Samandağ, Meydan 13 4 2012, M Kemal (Cesa).





**Fig. 37** – *Pieris rapae* (Pieridae), a male of vernal generation. Samandağ, Meydan 8 4 2012, M Kemal (Cesa).



**Fig. 38**– *Angustalius malacellus* (Pyralidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 39**– *Mecyna aff. flavalis* (Pyralidae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



**Fig. 40**– *Pyrausta virginalis* (Pyralidae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



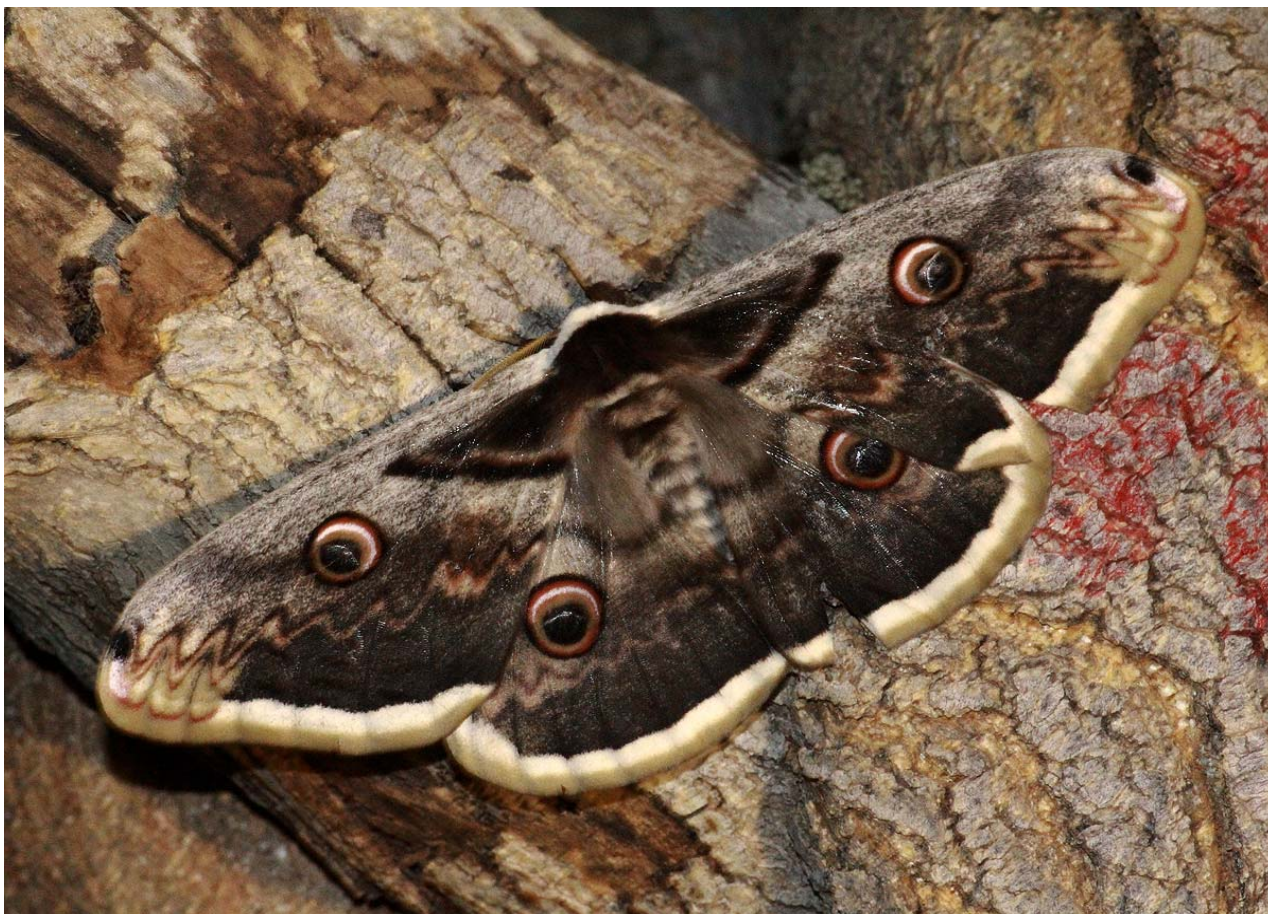


**Fig. 41**– *Udea ferrugalis* (Pyralidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 42**– *Uresiphita polygonalis* (Pyralidae), nocturnal. Samandağ, Meydan Karabucak 35m, 13 4 2012, M Kemal (Cesa).





**Fig. 43**– *Saturnia pyri* (Saturniidae), nocturnal. Samandağ, Meydan Karabucak 35m, 8 4 2012, M Kemal (Cesa).



**Fig. 44**– *Lasiommata megera* (Satyridae), a basking female. Samandağ, Meydan Karabucak 35m, 12 4 2012, M Kemal (Cesa).





**Fig. 45**– *Pararge aegeria* (Satyridae), a resting male. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).

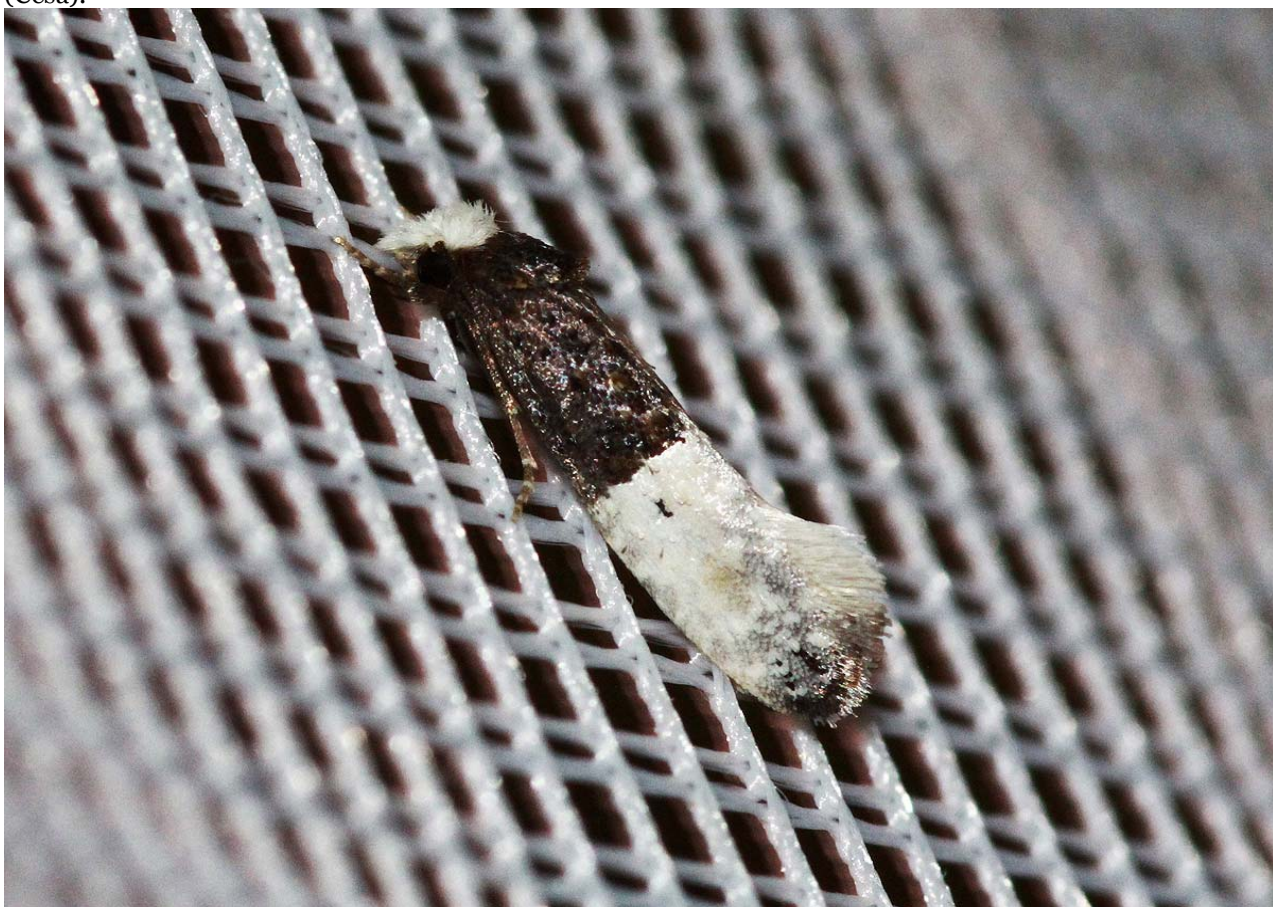


**Fig. 46**– *Ypthima asterope* (Satyridae), a basking male. Samandağ, Meydan 80m, 13 4 2012, M Kemal (Cesa).





**Fig. 47**– *Reisserita chrysopterella* (Tineidae), diurnal. Samandağ, Meydan 80m, 13 4 2012, M Kemal (Cesa).



**Fig. 48**– *Trichophaga tapetzella* (Tineidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).





**Fig. 49**– *Grapholita* sp. (Tortricidae), diurnal. Samandağ, Meydan Karabucak 35m, 12 4 2012, M Kemal (Cesa).

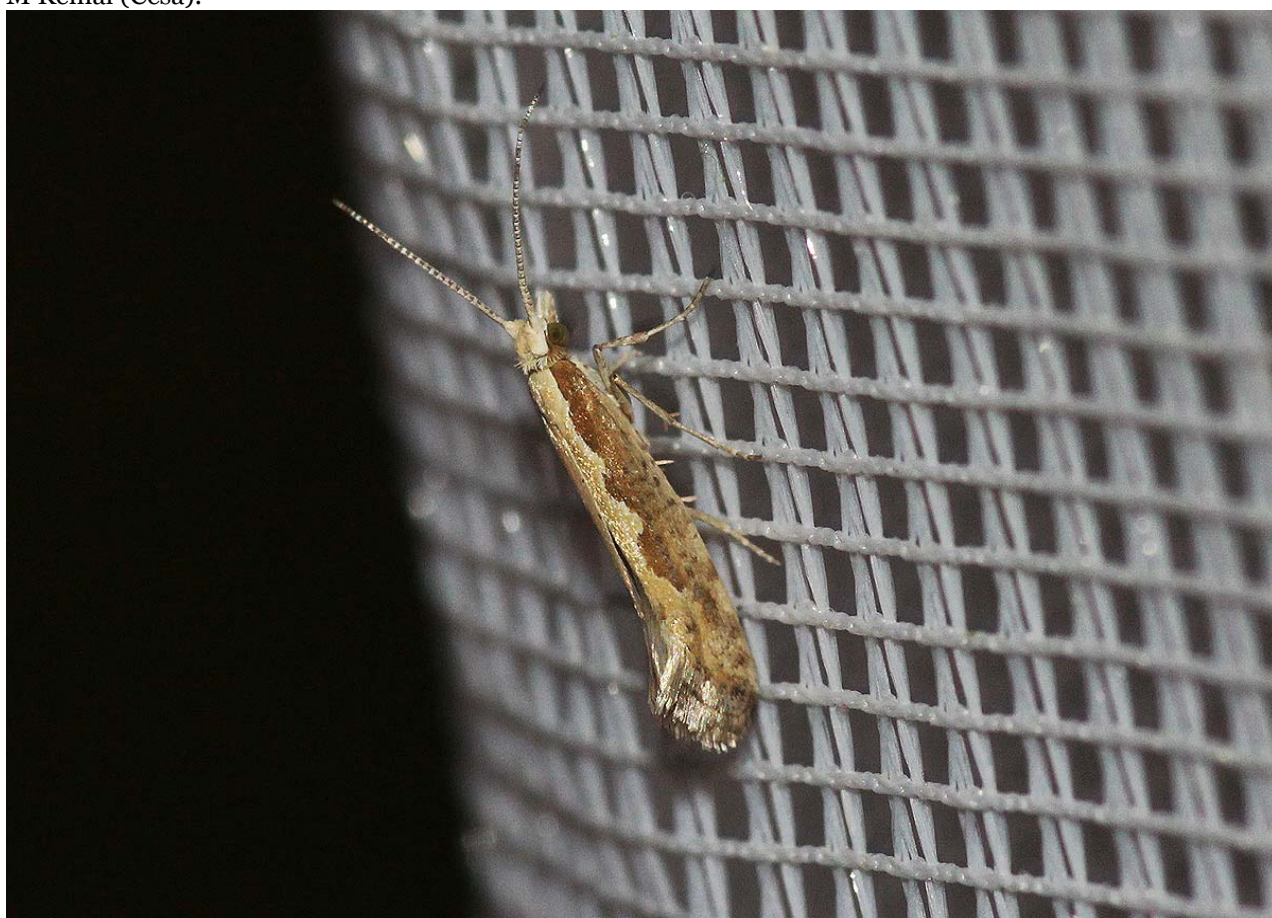


**Fig. 50**– *Hedya pruinana* (Tortricidae), nocturnal. Samandağ, Meydan Karabucak 35m, 13 4 2012, M Kemal (Cesa).





**Fig. 51**– *Phtheochroa sodaliana* (Tortricidae), nocturnal. Samandağ, Meydan Karabucak 35m, 10 4 2012, M Kemal (Cesa).



**Fig. 52**– *Plutella xylostella* (Yponomeutidae, Plutellinae), nocturnal. Samandağ, Meydan Karabucak 35m, 9 4 2012, M Kemal (Cesa).



**Other Pterygota**

(Figs. 53-101)

## Odonata

90. *Crocothemis erythraea* (Brullé,1832) (Libellulidae)  
 91. *Sympetrum fonscolombii* (Selys,1840) (Libellulidae) **(Fig. 53)**

## Mantodea

92. *Empusa fasciata* Brullé,1836 (Empusidae)

## Orthoptera

93. *Acrotylus patruelis* (Herrich-Schäffer,1838) (Acrididae)  
 94. *Aiolopus thalassinus* (Fabricius,1781) (Acrididae)  
 95. *Anacridium aegyptium* (Linnaeus,1764) (Acrididae)  
 96. *Duroniella* aff. *fracta* (Krauss,1890) (Acrididae) **(Fig. 54)** Note: Temporarily identified!  
 97. *Oecanthus pellucens* (Scopoli,1763) (Gryllidae)

## Homoptera

98. *Cercopis intermedia* Kirschbaum,1868 (Cercopidae) **(Fig.55)**  
 99. *Cercopis sanguinolenta* (Scopoli,1763) (Cercopidae)  
 100. A cicadellid species (Cicadellidae) **(Fig.56)**

## Hemiptera

101. *Camptopus lateralis* (Alydidae) **(Fig. 57)**  
 102. *Coriomeris hirticornis* (Fabricius,1794) (Coreidae)  
 103. *Hydrometra stagnorum* (Linnaeus,1758) (Hydrometridae)  
 104. *Lygaeus equestris* (Lygaeidae) **(Fig. 58)**  
 105. *Calocoris nemoralis* (Fabricius,1787) (Miridae) **(Figs. 59, 60)**  
 106. *Ancyrosoma leucogrammes* (Gmelin,1790) (Pentatomidae) **(Fig. 61)**  
 107. *Codophila* (s.str.) *varia* (Fabricius,1787) (Pentatomidae) **(Fig. 62)**  
 108. *Dyroderes umbraculatus* (Fabricius,1775) (Pentatomidae) **(Fig. 63)**  
 109. *Eurydema* (*Horvatherydema*) *rugulosum* (Dohrn,1860) (Pentatomidae) **(Fig. 64)**  
 110. *Eurydema* (*Rubrodorsalium*) *dominulum* (Scopoli,1763) (Pentatomidae)  
 111. *Eurydema* (*Rubrodorsalium*) *spectabilis* Horvath,1882 (Pentatomidae) **(Fig. 65)**  
 112. *Eurydema* (s.str.) *ornatum* (Linnaeus,1758) (Pentatomidae)  
 113. *Holcostethus strictus* (Fabricius,1803) (Pentatomidae) **(Fig. 66)**  
 114. *Piezodorus lituratus* (Fabricius,1794) (Pentatomidae) **(Fig. 67)**  
 115. *Staria lunata* (Hahn,1835) (Pentatomidae) **(Fig. 68)**  
 116. *Scantius aegyptius* (Linnaeus,1758) (Pyrrhocoridae)  
 117. *Corizus hyoscyami* (Linnaeus,1758) (Rhopalidae)

## Diptera

118. *Biblio hortulanus* (Linnaeus,1758) (Bibionidae) **(Figs. 69, 70)**  
 119. *Bombylella atra* (Scopoli,1763) (Bombyliidae) **(Fig. 71)**  
 120. *Bombylius* (s.str.) *discolor* Mikan,1796 (Bombyliidae)  
 121. *Usia* sp. (Bombyliidae) **(Fig. 72)**  
 122. *Ortochile nigrocoerulea* Latreille,1809 (Dolichopodidae)  
 123. An empid fly (Empidae) **(Fig. 73)**. Note: This family will be separately studied.



- 124. *Geomyza tripunctata* Fallén, 1823 (Opomyzidae) **(Fig. 74)**
- 125. *Sepsis thoracica* (R-D., 1830) (Sepsidae)
- 126. *Eristalis tenax* (Syrphidae) **(Fig. 75)**
- 127. *Syritta pipiens* (Linnaeus, 1758) (Syrphidae) **(Fig. 76)**
- 128. *Syritta flaviventris* Macquart, 1842 (Syrphidae)
- 129. *Tephritomyia lauta* (Loew, 1869) (Tephritidae) **(Fig. 77)**
- 130. *Otites* sp. ?n. (Ulidiidae) **(Fig. 78)**. Note: Probably a new species (pers. comm. by V. Korneyev, 2012).

## Hymenoptera

- 131. *Apis* (s.str.) *mellifera* Linnaeus, 1758 (Apidae)
- 132. *Xylocopa* (*Koptortosoma*) *pubescens* Spinola, 1838 (Apidae)
- 133. *Xylocopa* (s.str.) *violacea* (Linnaeus, 1758) (Apidae)
- 134. *Arge* aff. *cyanocrocea* (Argidae) **(Fig. 79)**
- 135. An unidentified species observed (Tenthredinidae) **(Fig. 80)**
- 136. An unidentified species observed (Tenthredinidae) **(Fig. 81)**
- 137. An unidentified species observed (Tenthredinidae) **(Fig. 82)**
- 138. An unidentified species observed (Tenthredinidae) **(Fig. 83)**
- 139. *Vespa orientalis* Linnaeus, 1771 (Vespidae)
- 140. *Polistes* (s.str.) *dominula* (Christ, 1791) (Vespidae) **(Fig. 84)**
- 141. *Polistes* (s.str.) *biglumis* (Linnaeus, 1758) (Vespidae)

## Coleoptera

- 142. *Certallum ebulinum* (Linnaeus, 1767) (Cerambycidae) **(Fig. 85)**
- 143. *Agapanthia* (s.str.) *suturalis* (Fabricius, 1787) (Cerambycidae) **(Fig. 86)**
- 144. *Phytoecia caerulea* (Scopoli, 1772) (Cerambycidae) **(Fig. 87)**
- 145. *Phytoecia pustulata* (Schränk, 1776) (Cerambycidae)
- 146. *Clytra* (*Ovoclytra*) *nigrocincta* (Lacordaire, 1848) (Chrysomelidae) **(Fig. 88)**
- 147. *Chrysolina coerulans* (Scriba, 1791) (Chrysomelidae) **(Fig. 89)**
- 148. *Labidostomis* sp. (Chrysomelidae) **(Fig. 90)**
- 149. *Smaragdina limbata* (Steven, 1806) (Chrysomelidae) **(Fig. 91)**. Note: This species was previously reported by the authors from Yayladağ in 2007 (vide, Koçak & Kemal, 2009, Cesa News 53: fig. 80).
- 150. *Coccinella* (s.str.) *septempunctata* Linnaeus, 1758 (Coccinellidae)
- 151. *Lixus* sp. (Curculionidae) **(Fig. 92)**
- 152. *Anthocomus coccineus* (Schaller, 1783) (Melyridae) **(Fig. 93)**
- 153. *Haplomalachius* sp. (Melyridae) **(Figs. 94-96)**. Note: In the province, probably two species occur, i.e., *flabellatus* Friv., 1835, and *akbesianus* Pic, 1898. It is difficult to identify our species, without seeing the *akbesianus*.
- 154. *Oedemera* aff. *virescens* (Oecemeridae) **(Fig. 97)**
- 155. Mordellid species (Mordellidae) **(Fig. 98)**
- 156. *Blitopertha* sp. (Scarabaeidae, Rutelinae) **(Fig. 99)**
- 157. *Oxythyrea cinctella* (Schaum, 1841) (Scarabaeidae, Cetoniinae) **(Fig. 100)**
- 158. *Tropinota* (*Epicometis*) *hirta* (Poda, 1761) (Scarabaeidae, Cetoniinae) **(Fig. 101)**



**Fig. 53-** *Sympetrum fonscolombii* (Libellulidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 54 -** *Duroniella* aff. *fracta* (Acrididae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 55** - *Cercopis intermedia* (Cercopidae), in copula. Samandağ, Meydan 12 4 2012, M. Kemal (Cesa)



**Fig. 56** - A cicadellid species, somewhat similar to Deltocephalinae/Typhlocybinae. Samandağ, Meydan 12 4 2012, M Kemal (Cesa)



**Fig. 57** - *Camptopus lateralis* (Alydidae). Samandağ, Meydan 08 04 2012, M Kemal (Cesa)



**Fig. 58** - *Lygaeus equestris* (Lygaeidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 59** - *Calocoris nemoralis* (Miridae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 60** - *Calocoris nemoralis* (Miridae). Samandağ, Meydan 10 04 2012, M Kemal (Cesa)



**Fig. 61** - *Ancyrosoma leucogrammes* (Pentatomidae). Samandağ, Meydan 08 04 2012, M Kemal (Cesa)



**Fig. 62** - *Codophila varia* (Pentatomidae). Samandağ, Meydan 08 04 2012, M Kemal (Cesa)





**Fig. 63-** *Dyroderes umbraculatus* (Pentatomidae), ventral side. Samandağ, Meydan 08 04 2012, M Kemal (Cesa)



**Fig. 64 -** *Eurydema* aff. *rugulosum* (Pentatomidae), in copula. Samandağ, Meydan 9 4 2012, M Kemal (Cesa)





**Fig. 65** - *Eurydema spectabilis* (Pentatomidae), in copula. Samandağ, Meydan 09 04 2012, M Kemal (Cesa)



**Fig. 66** - *Holcostethus strictus* (Pentatomidae). Samandağ, Meydan 10 04 2012, M Kemal (Cesa)

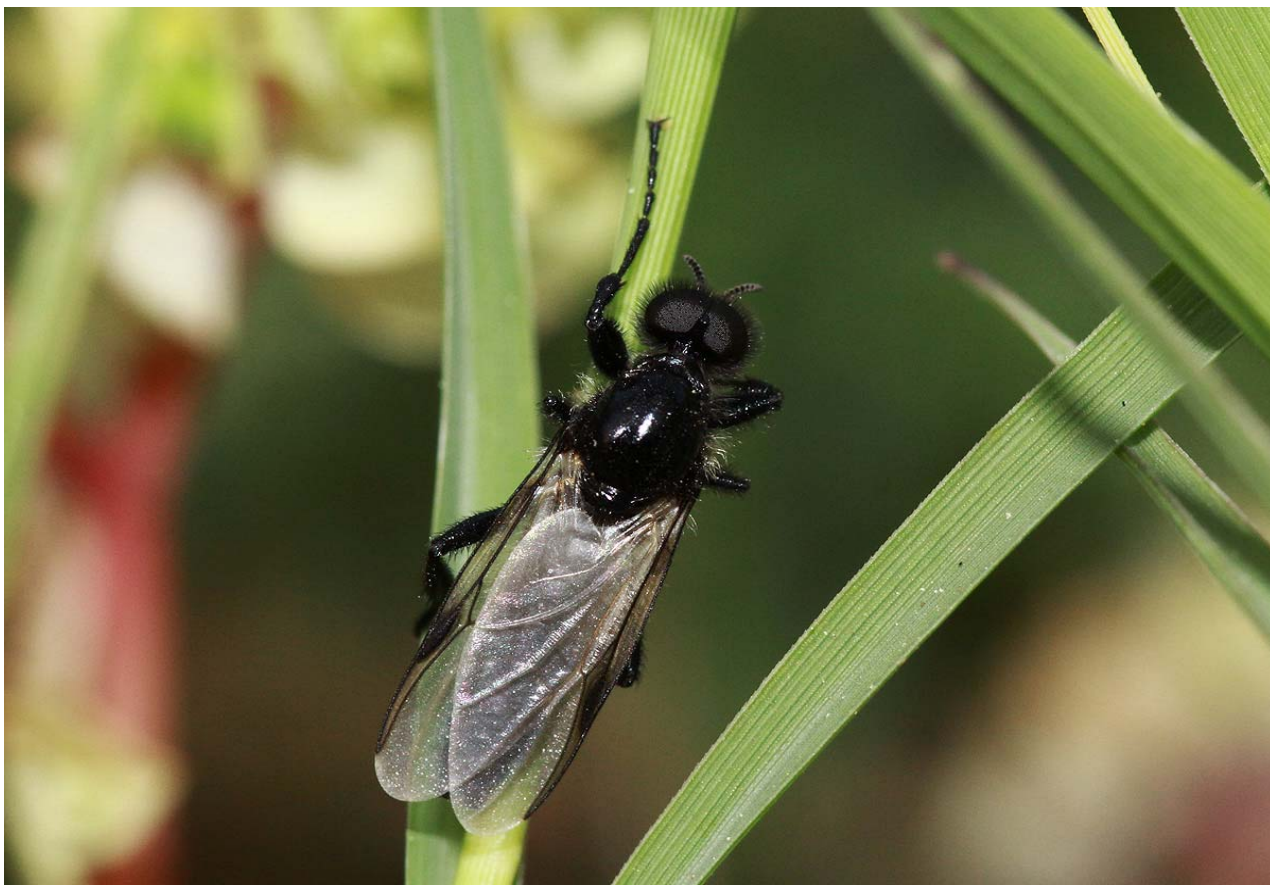




**Fig. 67** - *Piezodorus lituratus* (Pentatomidae). Samandağ, Meydan 10 04 2012, M Kemal (Cesa)



**Fig. 68** - *Staria lunata* (Pentatomidae). Samandağ, Meydan 09 04 2012, M Kemal (Cesa)



**Fig. 69** - *Bibio hortulanus* (Bibionidae), male. Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 70** - *Bibio hortulanus* (Bibionidae), female. Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 71** - *Bombylella atra* (Bombyliidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 72-** *Usia* sp. (Bombyliidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 73** - An empid fly (Empididae). Samandağ, Meydan 9 04 2012, M Kemal (Cesa)



**Fig. 74-** *Geomyza tripunctata* (Opomyzidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 75-** *Eristalis tenax* (Syrphidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 76 -** *Syrirta pipiens* (Syrphidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 77** - *Tephritomyia lauta* (Tephritidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)

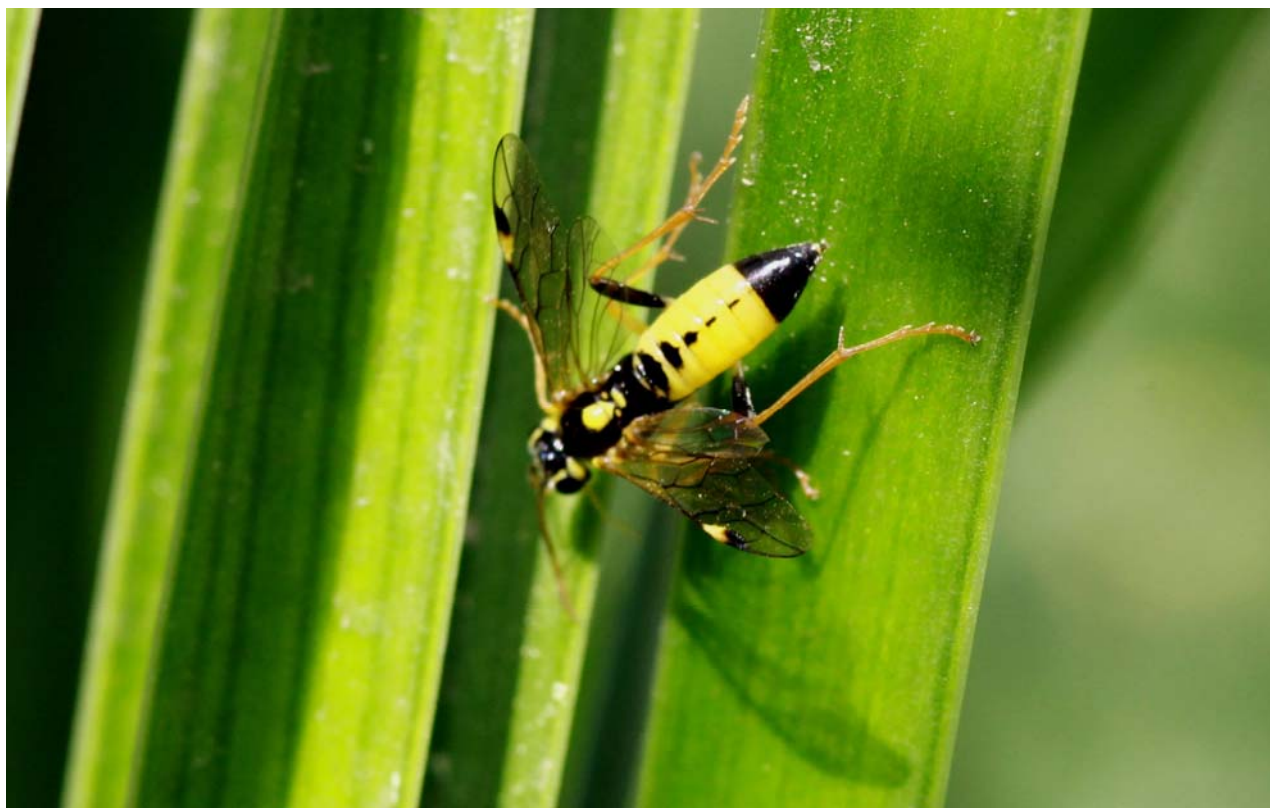


**Fig. 78** - *Otites* sp. ?n. (Ulidiidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 79** - *Arge* aff. *cyanocrocea* (Argidae), during feeding on Apiaceae flowers. Externally, *Arge* looks like *Athalia* (Tenthredinidae), but differs from it by 3-segmented antenna with a prolonged terminal 3rd segment. Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 80** - An unidentified species observed (Tenthredinidae), Samandağ Meydan 10 4 2012, M Kemal (Cesa)



**Fig. 81** - An unidentified species observed (Tenthredinidae), Samandağ Meydan 12 4 2012, M Kemal (Cesa)



**Fig. 82** - An unidentified species observed (Tenthredinidae), Samandağ Meydan 12 4 2012, M Kemal (Cesa)





**Fig. 83** - An unidentified species observed (Tenthredinidae), Samandağ Meydan 8 4 2012, M Kemal (Cesa)



**Fig. 84-** *Polistes dominula* (Vespidae). Samandağ, Meydan 13 04 2012, M Kemal (Cesa)



**Fig. 85-** *Certallum ebulinum* (Cerambycidae). It looks like *Callimus abdominalis*, but differs from it by reddish antenna. Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 86 -** *Agapanthia suturalis* (Cerambycidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 87** - *Phytoecia caerulea* (Cerambycidae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 88** - *Clytra nigrocincta* (Chrysomelidae). Samandağ, Meydan 13 04 2012, M Kemal (Cesa)



**Fig. 89** - *Chrysolina coerulans* (Chrysomelidae). Samandağ, Meydan 8 4 2012, M Kemal (Cesa)



**Fig. 90** - *Labidostomis* sp. (Chrysomelidae). Somewhat similar species, *L. hebraea* inhabits also in Israel. Samandağ, Meydan 10 04 2012, M Kemal (Cesa)





**Fig. 91** - *Smaragdina limbata* (Chrysomelidae). Samandağ, Meydan 13 04 2012, M Kemal (Cesa)



**Fig. 92**- *Lixus* sp. (Curculionidae, Lixinae), in copula. Samandağ, Meydan 8 04 2012, M Kemal (Cesa)



**Fig. 93-** *Anthocomus rufus* (Melyridae). Samandağ, Meydan 08 04 2012, M Kemal (Cesa)

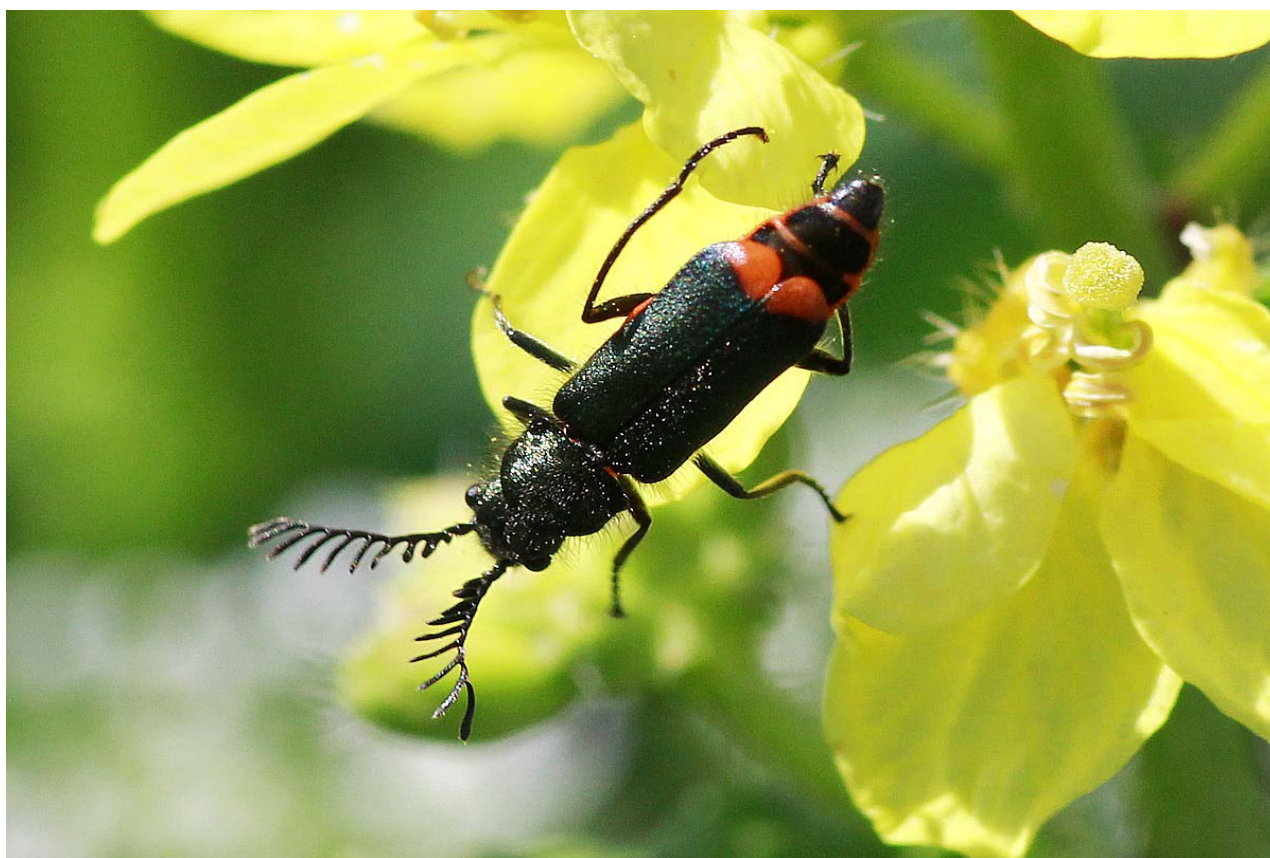


**Fig. 94 -** *Haplomalachius* sp. (Melyridae), a female, during feeding on Asteraceae flower. Samandağ, Meydan 12 04 2012, M Kemal (Cesa)





**Fig. 95-** Haplomalachius sp. (Melyridae), male. Probably it belongs to the same species with the previous female. Samandağ, Meydan 8 04 2012, M Kemal (Cesa)



**Fig. 96 -** Haplomalachius sp. (Melyridae), male. Probably it belongs to the same species with the previous female. Samandağ, Meydan 8 04 2012, M Kemal (Cesa)





**Fig. 97** - *Oedemera* aff. *virescens* (Oedemeridae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)

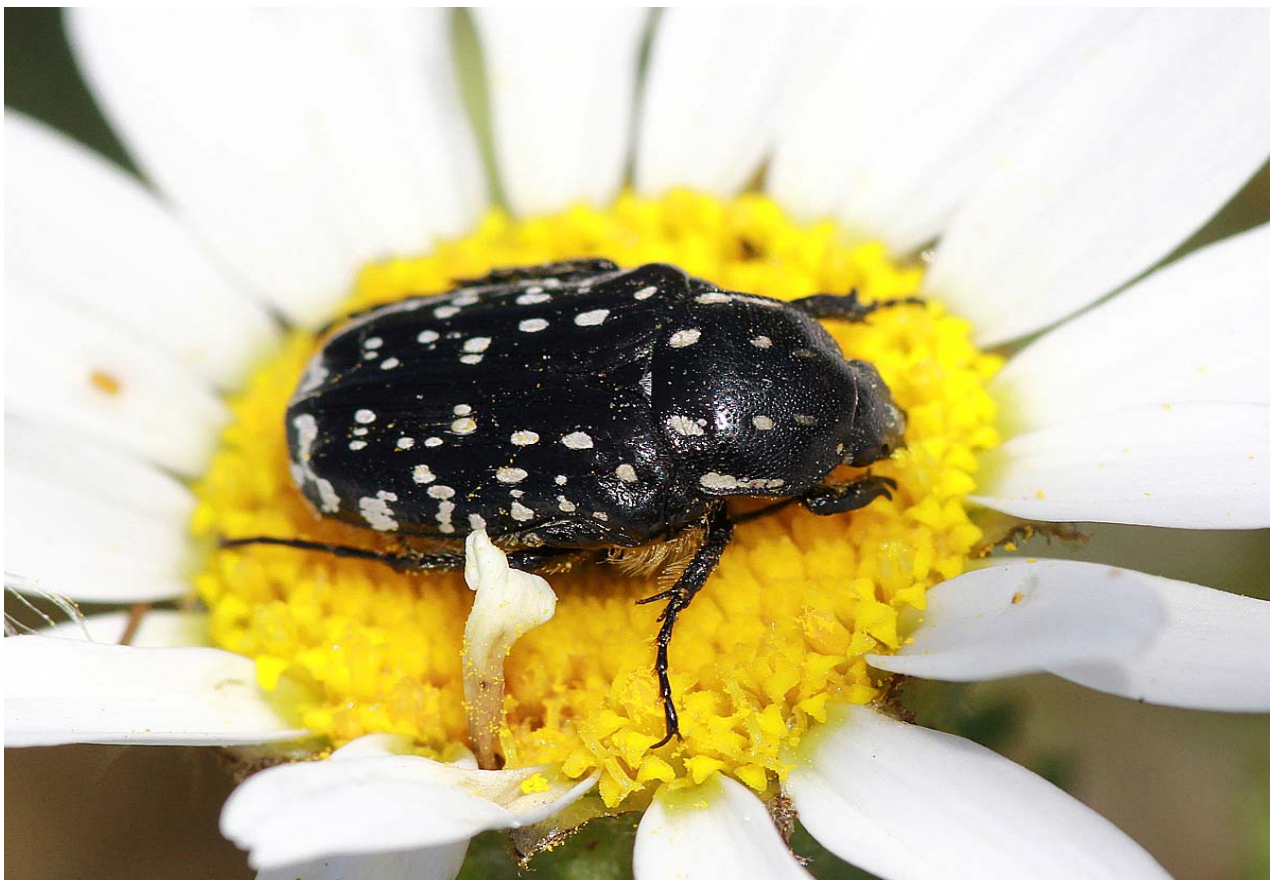


**Fig. 98** - A mordellid species (Mordellidae). A common species on flowers of Apiaceae. Samandağ, Meydan 9 04 2012, M Kemal (Cesa)

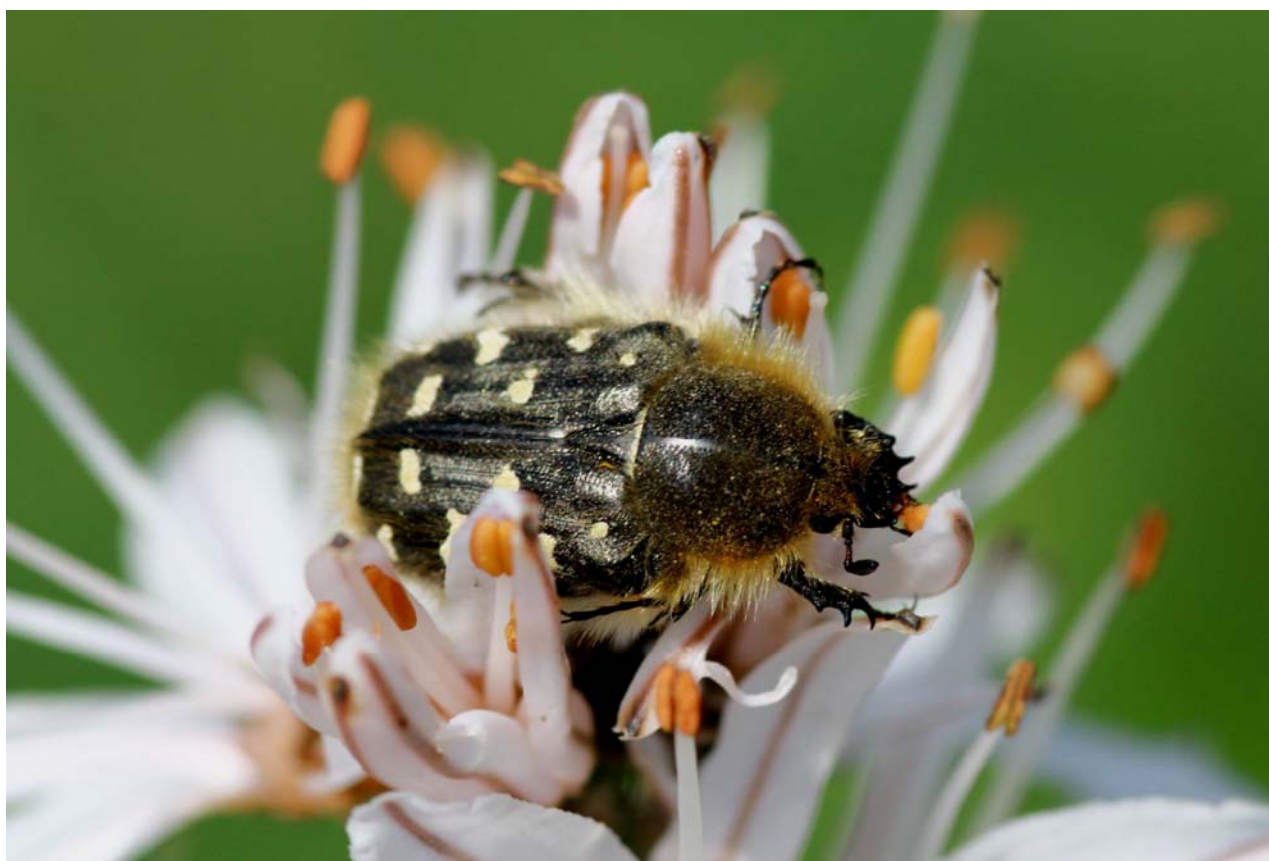




**Fig.99** - *Blitopertha* sp. (Scarabaeidae, Rutelinae). Samandağ, Meydan 12 04 2012, M Kemal (Cesa)



**Fig. 100** - *Oxythyrea cinctella* (Scarabaeidae, Cetoniinae) Samandağ, Meydan 8 04 2012, M Kemal (Cesa)



**Fig. 101** - *Tropinota (Epicometis) hirta* (Scarabaeidae, Cetoniinae) Samandağ, Meydan 10 04 2012, M Kemal (Cesa)

## List of the Pterygota recorded from Akbes

Totally 504 species, which belong to 99 families of 11 orders recorded from Akbes are listed below alphabetically.

### Lepidoptera

Totally 289 species of 33 families are listed here.

1. *Nemophora istriana* (Heydenreich, 1851) (Adelidae)
2. *Alucita cinerethella* Amsel, 1935 (Alucitidae)
3. *Alucita hexadactyla* Linnaeus, 1758 (Alucitidae)
4. *Arctia (Epicallia) villica* (Linnaeus, 1758) (Arctiidae)
5. *Ocnogyna (s.str.) bellieri* (Lederer, 1855) (Arctiidae)
6. *Aglaia urticae* (Linnaeus, 1758) (Argynnis)
7. *Argynnis (Fabriciana) niobe* (Linnaeus, 1758) (Argynnis)
8. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller], 1775) (Argynnis)
9. *Issoria lathonia* (Linnaeus, 1758) (Argynnis)
10. *Melitaea (Cinclidia) collina* Lederer, 1861 (Argynnis)
11. *Melitaea (Didymaeformis) didyma* (Esper, [1779]) (Argynnis)
12. *Melitaea (s.str.) arduinna* (Fabricius, 1787) (Argynnis)
13. *Melitaea (s.str.) cinxia* (Linnaeus, 1758) (Argynnis)
14. *Nymphalis polychloros* (Linnaeus, 1758) (Argynnis)
15. *Nymphalis xanthomelas* (Esper, [1781]) (Argynnis)
16. *Polygonia (Comma) c-album* (Linnaeus, 1758) (Argynnis)



17. *Aprominta bifasciata* (Staudinger,1870) (Autostichidae)
18. *Aprominta syriacella* (Ragonot,1895) (Autostichidae)
19. *Dysspastus undecimpunctellus* (Mann,1864) (Autostichidae)
20. *Symmoca* (s.str.) *pyrrhella* Ragonot,1895 (Autostichidae)
21. *Brachodes buxeus* Kallies,2001 (Brachodidae)
22. *Brachodes candefactus* (Lederer,1858) (Brachodidae)
23. *Brahmaea* (s.str.) *ledereri* Rogenhofer,1873 (Brahmaeidae)
24. *Eteobalea serratella* (Treitschke,1833) (Cosmopterigidae)
25. *Tolliella fulguritella* (Ragonot,1895) (Cosmopterigidae)
26. *Amata aequipuncta* (Turati,1917) (Ctenuchidae)
27. *Amata taurica* (Turati,1917) (Ctenuchidae)
28. *Ethmia quadrinotella* (Mann,1861) (Ethmiidae)
29. *Altenia mersinella* (Staudinger,1879) (Gelechiidae)
30. *Deltophora maculata* (Staudinger,1879) (Gelechiidae)
31. *Harpagidia magnetella* (Staudinger,[1871]) (Gelechiidae)
32. *Isophrictis anthemidella* (Wocke,1871) (Gelechiidae)
33. *Metzneria agraphella* (Ragonot,1895) (Gelechiidae)
34. *Nothris congressariella* (Bruand,1858) (Gelechiidae)
35. *Aleucis orientalis* (Staudinger,1892) (Geometridae)
36. *Apochima flabellaria* (Heeger,1838) (Geometridae)
37. *Ascotis selenaria* ([Denis & Schiffermüller],1775) (Geometridae)
38. *Catarhoe cupreata* (Herrich-Schäffer,1839) (Geometridae)
39. *Catarhoe permixtaria* (Guenée,[1858]) (Geometridae)
40. *Chiasmia* (Godonela) *syriacaria* (Staudinger,1871) (Geometridae)
41. *Chrysocraspeda charites* (Oberthür,1916) (Geometridae)
42. *Crocallis* (s.str.) *tusciaria* (Borkhausen,1793) (Geometridae)
43. *Dasycorsa modesta* (Staudinger,1879) (Geometridae)
44. *Eupithecia breviculata* (Donzel,1837) (Geometridae)
45. *Eupithecia extremata* (Fabricius,1787) (Geometridae)
46. *Eupithecia schiefereri* Dietze,1904 (Geometridae)
47. *Eupithecia syriacata* Staudinger,1879 (Geometridae)
48. *Eupithecia unedonata* (Mabille,1868) (Geometridae)
49. *Hyposcotis* (Euchrognophos) *subtaurica* (Wehrli,1932) (Geometridae)
50. *Hyposcotis* (Euchrognophos) *variegata* (Duponchel,1830) (Geometridae)
51. *Hyposcotis* (Kentrognophos) *onustaria* (Herrich-Schäffer,[1852]) (Geometridae)
52. *Idaea determinata* (Staudinger,1876) (Geometridae)
53. *Idaea dimidiata* (Hufnagel,1767) (Geometridae)
54. *Idaea inquinata* (Scopoli,1763) (Geometridae)
55. *Idaea ostrinaria* (Hübner,[1813]) (Geometridae)
56. *Idaea subpurpurata* (Staudinger,1900) (Geometridae)
57. *Lithostege palaestinensis* Amsel,1935 (Geometridae)
58. *Nychiodes* (Eunychiodes) *amygdalaria* (Herrich-Schäffer,[1848]) (Geometridae)
59. *Nychiodes* (Eunychiodes) *divergaria* (Staudinger,1892) (Geometridae)
60. *Nychiodes* (Fritzwagneria) *waltheri* F.Wagner,1919 (Geometridae)
61. *Odontognophos zacharius* (Staudinger,1879) (Geometridae)
62. *Oulobophora externata* Freyer,1846 (Geometridae)
63. *Peribatodes rhomboidarius* [Denis & Schiffermüller],1775) (Geometridae)
64. *Protorhoe corollaria* (Herrich-Schäffer,[1848]) (Geometridae)
65. *Pseudopanthera syriacata* (Guenée,1852) (Geometridae)
66. *Carcharodus* (Lavatheria) *stauderi* Reverdin,1913 (Hesperiidae)
67. *Muschampia nomas* (Lederer,1855) (Hesperiidae)
68. *Pyrgus melotis* (Duponchel,[1834]) (Hesperiidae)
69. *Pyrgus serratulae* (Rambur,[1839]) (Hesperiidae)
70. *Spialia* (Neospialia) *orbifer* (Hübner,[1823]) (Hesperiidae)
71. *Spialia* (s.str.) *osthelderi* (Pfeiffer,1932) (Hesperiidae)
72. *Thymelicus hyrax* (Lederer,1861) (Hesperiidae)
73. *Thymelicus sylvestris* (Poda,1761) (Hesperiidae)

74. *Trichiura* (s.str.) *stroehlei* Zolotuhin, 2007 (Lasiocampidae)
75. *Lecithocera* *nigrana* (Duponchel, 1836) (Lecithoceridae)
76. *Lecithocera* *turcica* Gozmany & Mey, 2005 (Lecithoceridae)
77. *Lemonia* *syriensis* Daniel, 1953 (Lemoniidae)
78. *Libythea* (s.str.) *celtis* (Laicharting, 1782) (Libytheidae)
79. *Latoia* *inexpectata* (Staudinger, [1896]) (Limaecodidae)
80. *Celastrina* *argiolus* (Linnaeus, 1758) (Lycaenidae)
81. *Cigaritis* *acamas* (Klug, 1834) (Lycaenidae)
82. *Plebejus* (Plebejides) *nichollae* (Elwes, 1901) (Lycaenidae)
83. *Polyommatus* (s.str. (Cyaniris)) *antiochenus* (Lederer, 1861) (Lycaenidae)
84. *Polyommatus* (s.str. (Meleageria)) *daphnis* ([Denis & Schiffermüller], 1775) (Lycaenidae)
85. *Rubrapterus* *bavius* (Eversmann, 1832) (Lycaenidae)
86. *Satyrion* (Nordmannia) *ilicis* (Esper, [1779]) (Lycaenidae)
87. *Tomares* (nogelii) *nesimachus* (Oberthür, 1893) (Lycaenidae)
88. *Abrostola* *clarissa* (Staudinger, 1900) (Noctuidae)
89. *Acrapex* *taurica* (Staudinger, 1900) (Noctuidae)
90. *Antitype* *chionodes* Boursin, 1968 (Noctuidae)
91. *Caradrina* (Eremodrina) *zernyi* (Boursin, 1936) (Noctuidae)
92. *Caradrina* (s.str.) *agrotina* (Staudinger, 1892) (Noctuidae)
93. *Catocala* (Ephesia) *separata* Freyer, 1848 (Noctuidae)
94. *Eublemma* (albida-gr.) *gratissimum* (Staudinger, 1892) (Noctuidae)
95. *Phyllophila* *melacheila* (Staudinger, [1896]) (Noctuidae)
96. *Polyphaenis* *propinqua* Staudinger, [1896] (Noctuidae)
97. *Valerietta* *niphopasta* (Hampson, 1906) (Noctuidae)
98. *Agonopterix* *assimilella* (Treitschke, 1832) (Oecophoridae)
99. *Agonopterix* *cachritis* (Staudinger, 1859) (Oecophoridae)
100. *Esperia* *imitatrix* (Zeller, 1847) (Oecophoridae)
101. *Esperia* *oliviella* (Fabricius, 1794) (Oecophoridae)
102. *Pleurota* (s.str.) *pyropella* ([Denis & Schiffermüller], 1775) (Oecophoridae)
103. *Iphiclides* *podalirius* (Linnaeus, 1758) (Papilionidae)
104. *Papilio* (s.str. (Alexanoria)) *alexanor* Esper, [1800] (Papilionidae)
105. *Papilio* (s.str.) *machaon* Linnaeus, 1758 (Papilionidae)
106. *Parnassius* (Driopa) *mnemosyne* (Linnaeus, 1758) (Papilionidae)
107. *Zerynthia* (Allancastrina) *cerisyi* (Godart, 1822) (Papilionidae)
108. *Anthocharis* *grueneri* Herrich-Schäffer, [1851] (Pieridae)
109. *Colotis* (s.str.) *fausta* (Olivier, [1804]) (Pieridae)
110. *Euchloe* (s.str.) *ausonia* (Hübner, [1804]) (Pieridae)
111. *Gonepteryx* (Isogonepteryx) *cleopatra* (Linnaeus, 1767) (Pieridae)
112. *Gonepteryx* (s.str.) *farinosa* (Zeller, 1847) (Pieridae)
113. *Leptidea* *sinapis* (Linnaeus, 1758) (Pieridae)
114. *Zegris* *eupheme* (Esper, [1804]) (Pieridae)
115. *Marasmarcha* *lunaedactyla* (Haworth, [1811]) (Pterophoridae)
116. *Pterophorus* *pentadactylus* (Linnaeus, 1758) (Pterophoridae)
117. *Pterophorus* *subalternans* Lederer, 1869 (Pterophoridae)
118. *Stangeia* *siceliota* (Zeller, 1847) (Pterophoridae)
119. *Stenoptilodes* *taprobanes* (R. Felder & Rogenhofer, 1875) (Pterophoridae)
120. *Wheeleria* *obsoleta* (Zeller, 1841) (Pterophoridae)
121. *Achyra* *nudalis* (Hübner, 1796) (Pyralidae)
122. *Acrobasis* *glaucella* Staudinger, 1859 (Pyralidae)
123. *Acrobasis* *legatea* (Haworth, [1811]) (Pyralidae)
124. *Acrobasis* *obliqua* (Zeller, 1847) (Pyralidae)
125. *Aglossa* *caprealis* (Hübner, [1809]) (Pyralidae)
126. *Aglossa* *pinguinalis* (Linnaeus, 1758) (Pyralidae)
127. *Agriphila* *inquinatella* ([Denis & Schiffermüller], 1775) (Pyralidae)
128. *Agriphila* *paleatella* (Zeller, 1847) (Pyralidae)
129. *Agriphiloides* *longipalpellus* Bleszynski, 1965 (Pyralidae)
130. *Alophia* *combustella* (Herrich-Schäffer, [1855]) (Pyralidae)



131. *Anania verbascata* (Fabricius,1787) (Pyralidae)
132. *Ancylolomia disparalis* (Hübner,[1825]) (Pyralidae)
133. *Ancylolomia palpella* ([Denis & Schiffermüller],1775) (Pyralidae)
134. *Ancylolomia pectinatella* (Zeller,1847) (Pyralidae)
135. *Ancylolomia tentaculella* (Hübner,1796) (Pyralidae)
136. *Ancylosis* (Cabotia) *oblitella* (Zeller,1848) (Pyralidae)
137. *Ancylosis* (Heterographis) *convexella* (Lederer,1855) (Pyralidae)
138. *Ancylosis* (Heterographis) *gracilella* Ragonot,1887 (Pyralidae)
139. *Ancylosis* (Heterographis) *rhodochrella* (Herrich-Schäffer,1855) (Pyralidae)
140. *Aphomia unicolor* (Staudinger,1870) (Pyralidae)
141. *Aporodes floralis* (Hübner,[1809]) (Pyralidae)
142. *Asalebria* (Exophora) *florella* (Mann,1862) (Pyralidae)
143. *Scotomera gnidusalis* (Walker,1859) (Pyralidae)
144. *Bradyrrhoa gilveolella* (Treitschke,1833) (Pyralidae)
145. *Cadra figulilella* (Gregson,1871) (Pyralidae)
146. *Cadra furcatella* (Herrich-Schäffer,[1849]) (Pyralidae)
147. *Calamotropha hierichuntica* Zeller,1867 (Pyralidae)
148. *Cataonia erubescens* (Christoph,1877) (Pyralidae)
149. *Catoptria dimorphella* (Staudinger,1881) (Pyralidae)
150. *Chilo pulverosellus* Ragonot,1895 (Pyralidae)
151. *Cybalomia pentadalis* (Lederer,1855) (Pyralidae)
152. *Cynaeda dentalis* ([Denis & Schiffermüller],1775) (Pyralidae)
153. *Dentifovea fulvifascialis* (Christoph,1887) (Pyralidae)
154. *Diasemiopsis ramburialis* (Duponchel,1831) (Pyralidae)
155. *Dolicharthria bruguieralis* (Duponchel,1833) (Pyralidae)
156. *Dolicharthria punctalis* ([Denis & Schiffermüller],1775) (Pyralidae)
157. *Ecpyrrhorrhoe diffusalis* (Guenée,1854) (Pyralidae)
158. *Elegia fallax* (Staudinger,1881) (Pyralidae)
159. *Ematheudes punctellus* (Treitschke,1833) (Pyralidae)
160. *Ematheudes varicellus* Ragonot,1887 (Pyralidae)
161. *Endotricha flammealis* ([Denis & Schiffermüller],1775) (Pyralidae)
162. *Epactoctena octogenalis* (Lederer,1863) (Pyralidae)
163. *Epascestria pustulalis* (Hübner,[1823]) (Pyralidae)
164. *Ephelis cruentalis* (Geyer,[1832]) (Pyralidae)
165. *Ephestia* (s.str.) *disparella* Hampson,1901 (Pyralidae)
166. *Ephestia* (s.str.) *unicolorella* Staudinger,1881 (Pyralidae)
167. *Polyocha strigosa* (Staudinger,1879) (Pyralidae)
168. *Epischnia illotella* Zeller,1839 (Pyralidae)
169. *Epischnia prodromella* (Hübner,[1799]) (Pyralidae)
170. *Episcythristis tabidella* (Mann,1864) (Pyralidae)
171. *Etiella zinckenella* (Treitschke,1832) (Pyralidae)
172. *Euchromius bellus* (Hübner,1796) (Pyralidae)
173. *Euchromius ocelleus* (Haworth,[1811]) (Pyralidae)
174. *Euchromius superbellus* (Zeller,1849) (Pyralidae)
175. *Eurhodope* (Eurhobasis) *cinerea* (Staudinger,1879) (Pyralidae)
176. *Euzophera* (s.str.) *bigella* (Zeller,1848) (Pyralidae)
177. *Euzophera* (s.str.) *imperfectella* Ragonot,1895 (Pyralidae)
178. *Euzopherodes lutisignella* (Mann,1869) (Pyralidae)
179. *Evergestis alborivularis* (Eversmann,1843) (Pyralidae)
180. *Evergestis mundalis* (Guenée,1854) (Pyralidae)
181. *Glaucocharis euchromiella* (Ragonot,1895) (Pyralidae)
182. *Glyptoteles leucacrinella* Zeller,1848 (Pyralidae)
183. *Hellula undalis* (Fabricius,1781) (Pyralidae)
184. *Heosphora ramulosella* Ragonot,1895 (Pyralidae)
185. *Homoeosoma* (Anhomoeosoma) *nimbellum* (Duponchel,[1837]) (Pyralidae)
186. *Homoeosoma* (s.str.) *nebulellum* ([Denis & Schiffermüller],1775) (Pyralidae)
187. *Homoeosoma* (s.str.) *sinuellum* (Fabricius,1794) (Pyralidae)

188. *Hypsopygia costalis* (Fabricius,1775) (Pyralidae)
189. *Hypsopygia fulvocilialis* (Duponchel,1832) (Pyralidae)
190. *Hypsotropa paucipunctella* Ragonot,1895 (Pyralidae)
191. *Hypsotropa syriacella* Ragonot,1888 (Pyralidae)
192. *Hypsotropa vulneratella* (Zeller,1847) (Pyralidae)
193. *Keradere noctivaga* (Staudinger,1879) (Pyralidae)
194. *Mesocrambus candidellus* (Herrich-Schäffer,[1848]) (Pyralidae)
195. *Metallosticha argyrogrammos* (Zeller,1847) (Pyralidae)
196. *Metallostichodes vinaceella* (Ragonot,1895) (Pyralidae)
197. *Metasia* (s.str.) *carnealis* (Treitschke,1829) (Pyralidae)
198. *Metasia* (s.str.) *olbienalis* Guenée,1854 (Pyralidae)
199. *Metasia* (s.str.) *rosealis* Ragonot,1895 (Pyralidae)
200. *Myelois* (Gnathogutta) *circumdatella* Lederer,1858 (Pyralidae)
201. *Myelois* (Gnathogutta) *ossicolor* Ragonot,1893 (Pyralidae)
202. *Myelois* (Gnathogutta) *pluripunctella* (Ragonot,1887) (Pyralidae)
203. *Myelois* (s.str.) *circumvoluta* (Fourcroy,1785) (Pyralidae)
204. *Myelois* (s.str.) *quadripunctella* Zerny,1914 (Pyralidae)
205. *Myrleae serratella* Ragonot,1893 (Pyralidae)
206. *Nomophila noctuella* ([Denis & Schiffermüller],1775) (Pyralidae)
207. *Nyctegretis lineana* (Scopoli,1786) (Pyralidae)
208. *Oncocera semirubella* (Scopoli,1763) (Pyralidae)
209. *Oxybia transversella* (Duponchel,1836) (Pyralidae)
210. *Phycita poteriella* (Zeller,1846) (Pyralidae)
211. *Pleuroptya crocealis* (Duponchel,1832) (Pyralidae)
212. *Pleuroptya ruralis* (Scopoli,1763) (Pyralidae)
213. *Polyocha cremoricosta* Ragonot,1895 (Pyralidae)
214. *Polyocha venosa* (Zeller,1847) (Pyralidae)
215. *Psorosa dahliella* (Treitschke,1832) (Pyralidae)
216. *Psorosa nucleolella* (Möschler,1866) (Pyralidae)
217. *Pyralis regalis* [Denis & Schiffermüller],1775 (Pyralidae)
218. *Pyrasia gutturalis* (Staudinger,1879) (Pyralidae)
219. *Pyrausta aurata* (Scopoli,1763) (Pyralidae)
220. *Mecyna cuprinalis* (Ragonot,1895) (Pyralidae)
221. *Pyrausta despicata* (Scopoli,1763) (Pyralidae)
222. *Pyrausta falcatalis* (Guenée,1854) (Pyralidae)
223. *Pyrausta pauperalis* (Staudinger,1879) (Pyralidae)
224. *Pyrausta purpuralis* (Linnaeus,1758) (Pyralidae)
225. *Pyrausta sanguinalis* (Linnaeus,1767) (Pyralidae)
226. *Pyrausta trimaculalis* (Staudinger,1867) (Pyralidae)
227. *Pyrausta virginalis* Duponchel,1832 (Pyralidae)
228. *Scirpophaga praelata* (Scopoli,1763) (Pyralidae)
229. *Stemmatophora syriacalis* (Ragonot,1895) (Pyralidae)
230. *Sitochroa verticalis* (Linnaeus,1758) (Pyralidae)
231. *Spoladea recurvalis* (Fabricius,1775) (Pyralidae)
232. *Synaphe berytalis* (Ragonot,1888) (Pyralidae)
233. *Synaphe consecratalis* (Lederer,1855) (Pyralidae)
234. *Synaphe moldavica* (Esper,[1789]) (Pyralidae)
235. *Synaphe morbidalis* (Guenée,1849) (Pyralidae)
236. *Synclera traducalis* (Zeller,1852) (Pyralidae)
237. *Udea ferrugalis* (Hübner,1796) (Pyralidae)
238. *Udea languidalis* (Eversmann,1842) (Pyralidae)
239. *Uresiphita polygonalis* ([Denis & Schiffermüller],1775) (Pyralidae)
240. *Zitha subustalis* (Lederer,1855) (Pyralidae)
241. *Hipparchia* (Neohipparchia) *parisatis* (Kollar,[1849]) (Satyridae)
242. *Hipparchia* (Parahipparchia) *pellucida* (Stauder,1924) (Satyridae)
243. *Hyponephele* (s.str.) *lupina* (Costa,[1836]) (Satyridae)
244. *Kirinia* (Melike) *roxelana* (Cramer,[1777]) (Satyridae)



245. *Lasiommata maera* (Linnaeus,1758) (Satyridae)
246. *Maniola* (*Telmessiola*) *telmessia* (Zeller,1847) (Satyridae)
247. *Maniola* (s.str.) *megala* (Oberthür,1909) (Satyridae)
248. *Melanargia* (*Turcargia*) *syriaca* (Oberthür,1894) (Satyridae)
249. *Melanargia* (*Turcargia*) *titea* (Klug,1832) (Satyridae)
250. *Pararge aegeria* (Linnaeus,1758) (Satyridae)
251. *Scythris* (*monochreella*-gr.) *monochreella* (Ragonot,1895) (Scythridae)
252. *Scythris* (*scopolella*-gr.) *apicalis* (Zeller,1847) (Scythridae)
253. *Scythris* (*scopolella*-gr.) *flabella* (Mann,1861) (Scythridae)
254. *Eusphecia pimplaeformis* (Oberthür,1872) (Sesiidae)
255. *Paranthrene insolita* Le Cerf,1914 (Sesiidae)
256. *Akbesia davidi* (Oberthür,1884) (Sphingidae)
257. *Dolbina elegans* A.Bang-Haas,[1913] (Sphingidae)
258. *Edosa fuscviolacella* (Ragonot,1895) (Tineidae)
259. *Edosa lardatella* (Lederer,1858) (Tineidae)
260. *Euplocamus delagrangi* Ragonot,1895 (Tineidae)
261. *Hapsifera luridella* Zeller,1847 (Tineidae)
262. *Hapsifera multiguttella* (Ragonot,1895) (Tineidae)
263. *Nemaxera betulinella* (Paykull,1785) (Tineidae)
264. *Acleris variegana* ([Denis & Schiffermüller],1775) (Tortricidae)
265. *Aethes deaurana* (Peyerimhoff,1877) (Tortricidae)
266. *Aphelia* (*Zelothereses*) *ochreana* (Hübner,[1799]) (Tortricidae)
267. *Bactra* (s.str.) *lancealana* (Hübner,[1799]) (Tortricidae)
268. *Cnephasia* (s.str.) *asseclana* ([Denis & Schiffermüller],1775) (Tortricidae)
269. *Cnephasia* (s.str.) *kenneli* Obraztsov,1956 (Tortricidae)
270. *Cochylimorpha kurdistan* (Amsel,1959) (Tortricidae)
271. *Cochylimorpha langeana* (Kalchberg,1897) (Tortricidae)
272. *Cochylimorpha meridiana* (Staudinger,1859) (Tortricidae)
273. *Cochylimorpha straminea* (Haworth,[1811]) (Tortricidae)
274. *Crociosema plebejana* Zeller,1847 (Tortricidae)
275. *Diceratura roseofasciana* (Mann,1855) (Tortricidae)
276. *Dichelia alexiana* (Kennel,1919) (Tortricidae)
277. *Endothenia sororiana* (Herrich-Schäffer,[1851]) (Tortricidae)
278. *Eugnosta lathoniana* (Hübner,[1800]) (Tortricidae)
279. *Notocelia rosaecolana* (Doubleday,1850) (Tortricidae)
280. *Notocelia uddmanniana* (Linnaeus,1758) (Tortricidae)
281. *Phalonidia contractana* (Zeller,1847) (Tortricidae)
282. *Phtheochroa duponchelana* (Duponchel,1843) (Tortricidae)
283. *Phtheochroa palpana* (Ragonot,1894) (Tortricidae)
284. *Pseudosciaphila branderiana* (Linnaeus,1758) (Tortricidae)
285. *Ypsolopha persicella* (Fabricius,1787) (Yponomeutidae)
286. *Zygaena* (*Agrumenia*) *carniolica* (Scopoli,1763) (Zygaenidae)
287. *Zygaena* (*Mesembrynus*) *minos* ([Denis & Schiffermüller],1775) (Zygaenidae)
288. *Zygaena* (s.str.) *filipendulae* (Linnaeus,1758) (Zygaenidae)
289. *Zygaena* (s.str.) *ramburi* Herrich-Schäffer,1861 (Zygaenidae)

### Other Pterygota

Totally 215 species, which belong to 66 families of 10 orders recorded from Akbes are listed below alphabetically. This information is based upon the info-system of the Cesa and still progressing.

#### Odonata

290. *Aeshna mixta* Latreille,1805 (Aeshnidae)

- 291. *Calopteryx intermedia* Selys, 1887 (Calopterygidae)
- 292. *Ischnura elegans* (Van Der Linden, 1820) (Coenagrionidae)
- 293. *Libellula depressa* Linnaeus, 1758 (Libellulidae)
- 294. *Libellula pontica* Selys, 1887 (Libellulidae)
- 295. *Orthetrum sabinum* (Drury, 1770) (Libellulidae)
- 296. *Trithemis annulata* (Palisot de Beauvois, 1807) (Libellulidae)

#### Dermaptera

- 297. *Forficula auricularia* Linnaeus, 1758 (Forficulidae)
- 298. *Forficula lurida* Fischer, 1853 (Forficulidae)
- 299. *Labidura riparia* (Pallas, 1773) (Labiduridae)
- 300. *Labia minor* (Linnaeus, 1758) (Spongiphoridae)

#### Dictyoptera

- 301. *Diploptera punctata* (Eschscholz, 1822) (Blaberidae)
- 302. *Blatta orientalis* Linnaeus, 1758 (Blattidae)
- 303. *Loboptera decipiens* (Germar, 1817) (Blattidae)

#### Orthoptera

- 304. *Acrotylus insubricus* (Scopoli, 1786) (Acrididae)
- 305. *Calliptamus italicus* (Linnaeus, 1758) (Acrididae)
- 306. *Chorthippus* (s.str.) *parallelus* (Zetterstedt, 1821) (Acrididae)
- 307. *Chorthippus* (Glyptobothrus) *brunneus* (Thunberg, 1815) (Acrididae)
- 308. *Dasyhippus escaleraei* (Bolivar, 1899) (Acrididae)
- 309. *Dociostaurus* (Notostaurus) *anatolicus* Krauss, 1896 (Acrididae)
- 310. *Dociostaurus* (Stauronotulus) *hauensteini* (Bolivar, 1893) (Acrididae)
- 311. *Dociostaurus* (s.str.) *maroccanus* (Thunberg, 1815) (Acrididae)
- 312. *Eremippus simplex* (Eversmann, 1859) (Acrididae)
- 313. *Locusta migratoria* (Linnaeus, 1758) (Acrididae)
- 314. *Oedipoda miniata* (Pallas, 1771) (Acrididae)
- 315. *Ramburiella* (Palaeocesa) *turcomana* (Fischer von Waldheim, 1833) (Acrididae)
- 316. *Tropidopola graeca* Uvarov, 1926 (Acrididae)
- 317. *Truxalis nasuta* (Linnaeus, 1758) (Acrididae)
- 318. *Melanogryllus desertus* (Pallas, 1771) (Gryllidae)
- 319. *Modicogryllus* (Eumodicogryllus) *burdigalensis* (Latreille, 1804) (Gryllidae)
- 320. *Modicogryllus* (s.str.) *algius* (Saussure, 1877) (Gryllidae)
- 321. *Gryllotalpa gryllotalpa* (Linnaeus, 1758) (Gryllotalpidae)
- 322. *Depressotetrix depressa* (Brisout, 1848) (Tetrigidae)
- 323. *Paratettix meridionalis* (Rambur, 1838) (Tetrigidae)
- 324. *Conocephalus* (Xiphidion) *fuscus* (Fabricius, 1793) (Tettigoniidae)
- 325. *Isophya amplipennis* Brunner von Wattenwyl, 1878 (Tettigoniidae)
- 326. *Isophya splendida* Naskrecki & Ünal, 1995 (Tettigoniidae)
- 327. *Pezodrymadusa konowi* (Bolivar, 1899) (Tettigoniidae)
- 328. *Platycleis* (s.str.) *intermedia* (Audinet-Serville, [1839]) (Tettigoniidae)
- 329. *Poecilimon* (s.str.) *syriacus* Brunner von Wattenwyl, 1891 (Tettigoniidae)
- 330. *Saga ephippigera* Fischer von Waldheim, 1846 (Tettigoniidae)
- 331. *Orchamus yersini* (Brunner von Wattenwyl, 1882) (Pamphagidae)
- 332. *Paranocaracris rubripes* (Fischer von Waldheim, 1846) (Pamphagidae)
- 333. *Paranocarodes straubei* (Fieber, 1853) (Pamphagidae)
- 334. *Pyrgomorpha* (s.str.) *conica* (Olivier, 1791) (Pyrgomorphidae)
- 335. *Pyrrhocoris apterus* (Linnaeus, 1758) (Pyrrhocoridae)
- 336. *Pyrrhocoris marginatus* (Kolenati, 1845) (Pyrrhocoridae)
- 337. *Scantius aegyptius* (Linnaeus, 1758) (Pyrrhocoridae)
- 338. *Dolichopoda* (s.str.) *pusilla* Bolivar, 1899 (Raphidophoridae)



## Homoptera

339. *Grammacephalus pugio* (Noualhier, 1895) (Cicadellidae)  
 340. *Mycterodus* (s.str.) *anaticeps* Puton, 1895 (Issidae)

## Hemiptera

341. *Aradus versicolor* Herrich-Schäffer, 1835 (Aradidae)  
 342. *Aradus krueperi* Reitter, 1884 (Aradidae)  
 343. *Aradus cilicicum* Heiss, 1990 (Aradidae)  
 344. *Coreus marginatus* (Linnaeus, 1758) (Coreidae)  
 345. *Enoplops disciger* (Kolenati, 1845) (Coreidae)  
 346. *Syromastus rhombeus* (Linnaeus, 1767) (Coreidae)  
 347. *Sehirus delangrangei* Puton, 1888 (Cydnidae)  
 348. *Sehirus dissimilis* Horvath, 1919 (Cydnidae)  
 349. *Gerris maculatus* Tamanini, 1946 (Gerridae)  
 350. *Gerris* (s.str.) *thoracicus* Schummel, 1832 (Gerridae)  
 351. *Cymus claviculus* (Fallén, 1807) (Lygaeidae)  
 352. *Cymus glandicolor* Hahn, 1832 (Lygaeidae)  
 353. *Geocoris luridus* (Fieber, 1844) (Lygaeidae)  
 354. *Ischnodemus sabuleti* (Fallén, 1826) (Lygaeidae)  
 355. *Lygaeus creticus* (Lucas, 1854) (Lygaeidae)  
 356. *Brachyplax tenuis* (Mulsant & Rey, 1852) (Lygaeidae)  
 357. *Megalonotus maximus* (Puton, 1895) (Lygaeidae)  
 358. *Deraeocoris delangrangei* (Puton, 1892) (Miridae)  
 359. *Camponotidea fieberi* Reuter, 1879 (Miridae)  
 360. *Cyphodema instabilis* (Lucas, 1849) (Miridae)  
 361. *Liocoris tripustulatus* (Fabricius, 1781) (Miridae)  
 362. *Calocoris nemoralis* (Fabricius, 1787) (Miridae)  
 363. *Closterotomus annulus* (Brullé, 1832) (Miridae)  
 364. *Closterotomus norvegicus* (Gmelin, 1790) (Miridae)  
 365. *Closterotomus putoni* (Horvath, 1888) (Miridae)  
 366. *Acrorrhinium conspersum* Noualhier, 1895 (Miridae)  
 367. *Brachycoleus bolivari* Horvath, 1901 (Miridae)  
 368. *Oncotylus basicornis* Horvath, 1901 (Miridae)  
 369. *Grypocoris syriacus* Reuter, 1896 (Miridae)  
 370. *Grypocoris fieberi* Douglas & Scott, 1868 (Miridae)  
 371. *Macrolophus pygmaeus* (Rambur, 1839) (Miridae)  
 372. *Macrolophus caliginosus* E. Wagner, 1950 (Miridae)  
 373. *Adelphocoris lineolatus* (Goeze, 1778) (Miridae)  
 374. *Lygus pratensis* (Linnaeus, 1758) (Miridae)  
 375. *Phytocoris phrygicus* E. Wagner, 1955 (Miridae)  
 376. *Phytocoris pini-halepensis* Lindberg, 1948 (Miridae)  
 377. *Derula flavoguttata* Mulsant & Rey, 1856 (Pentatomidae)  
 378. *Derula delagrangei* Puton, 1892 (Pentatomidae)  
 379. *Bagrada concinna* Horvath, 1936 (Pentatomidae)  
 380. *Bagrada* (Nitilia) *abeillei* Puton, 1881 (Pentatomidae)  
 381. *Mustha spinosula* (Lefebvre, 1831) (Pentatomidae)  
 382. *Aelia rostrata* Boheman, 1852 (Pentatomidae)  
 383. *Neottiglossa bifida* (Costa, 1847) (Pentatomidae)  
 384. *Risibia christophi* (Jakovlev, 1885) (Pentatomidae)  
 385. *Agatharchus* (s.str.) *tritaenia* Horvath, 1897 (Pentatomidae)  
 386. *Eurydema* (Horvatheurydema) *rugulosum* (Dohrn, 1860) (Pentatomidae)  
 387. *Eurydema* (Horvatheurydema) *caligatum* Horvath, 1901 (Pentatomidae)  
 388. *Holcostethus strictus* (Fabricius, 1803) (Pentatomidae)  
 389. *Graphosoma* (s.str.) *stali* Horvath, 1881 (Pentatomidae)

- 390. *Graphosoma* (s.str.) *semipunctatum* (Fabricius,1775) (Pentatomidae)
- 391. *Coptosoma* *costale* Stal,1854 (Plataspidae)
- 392. *Coptosoma* *putoni* Montandon,1898 (Plataspidae)
- 393. *Oncocephalus* *arctipes* Noualhier,1895 (Reduviidae)
- 394. *Oncocephalus* *biguttata* Horvath,1901 (Reduviidae)
- 395. *Oncocephalus* *ocularis* Horvath,1898 (Reduviidae)
- 396. *Oncocephalus* *pugnax* Horvath,1898 (Reduviidae)
- 397. *Oncocephalus* *squalidus* (Rossi,1790) (Reduviidae)
- 398. *Rhynocoris* *punctiventris* Herrich-Schäffer,1846 (Reduviidae)
- 399. *Holotrichius* *putoni* Reuter,1909 (Reduviidae)
- 400. *Holotrichius* *rotundatus* Stal,1874 (Reduviidae)
- 401. *Stictopleurus* *crassicornis* (Linnaeus,1758) (Rhopalidae)
- 402. *Psacasta* (s.str.) *exanthematica* (Scopoli,1763) (Scutelleridae)
- 403. *Irochrotus* *caucasicus* (Jakovlev,1875) (Scutelleridae)
- 404. *Dicranocephalus* *putoni* (Horvath,1897) (Stenocephalidae)
- 405. *Acalypta* *sejuncta* Horvath,1905 (Tingidae)
- 406. *Acalypta* *acutangula* (Jakovlev,1880) (Tingidae)
- 407. *Tingis* (s.str.) *auriculata* (Costa,1847) (Tingidae)

#### Planipennia

- 408. *Libelloides* *lacteus* (Brullé,1832) (Ascalaphidae)
- 409. *Delfimeus* *irroratus* (Olivier,1811) (Myrmeleonidae)
- 410. *Neuroleon* *egenus* (Navas,1914) (Myrmeleonidae)
- 411. *Nemoptera* *aegyptiaca* Rambur,1842 (Nemopteridae)

#### Diptera

- 412. *Dicranomyia* (s.str.) *longipennis* (Schummel,1829) (Limoniidae)
- 413. *Myrmecophilus* (s.str.) *ochraceus* Fischer von Waldheim,1853 (Myrmecophilidae)
- 414. *Nycteribia* (s.str.) *schmidlii* Schiner,1853 (Nycteribiidae)
- 415. *Phthiridium* *biarticulatum* Hermann,1804 (Nycteribiidae)
- 416. *Penicillidia* *conspicua* Speiser,1901 (Nycteribiidae)
- 417. *Penicillidia* *dufourii* (Westwood,1835) (Nycteribiidae)
- 418. *Pangonius* (s.str.) *argentatus* Szilady,1923 (Tabanidae)
- 419. *Pangonius* (s.str.) *fulvipes* Loew,1868 (Tabanidae)
- 420. *Theriopectes* *tunicatus* Szilady,1927 (Tabanidae)

#### Hymenoptera

- 421. *Andrena* (*Brachyandrena*) *pinguis* Ariana, Scheuchl, Tadauchi & Gusenleitner,2009 (Andrenidae)
- 422. *Exoneuridia* (s.str.) *hakkariensis* (Warncke,1983) (Apidae)
- 423. *Thyreus* *histrionicus* (Illiger,1806) (Apidae)
- 424. *Bracon* (*Rostrobracon*) *urinator* (Fabricius,1798) (Braconidae)
- 425. *Mocsarya* *syriaca* Benson,1936 (Orussidae)

#### Coleoptera

- 426. *Acmaeoderella* (*Euacmaeoderella*) *brandti* Volkovitsh,1981 (Buprestidae)
- 427. *Acmaeoderella* (*Euacmaeoderella*) *vetusta* (Ménétriés,1832) (Buprestidae)
- 428. *Acmaeoderella* (*Liogastria*) *chrysanthemi* (Chevrolat,1854) (Buprestidae)
- 429. *Acmaeoderella* (*Omphalothorax*) *longissima* (Abeille de Perrin,1904) (Buprestidae)
- 430. *Chalcophorella* (*Stigmatophorella*) *quadrioculata* (Redtenbacher,1843) (Buprestidae)
- 431. *Capnodis* *cariosa* (Pallas,1776) (Buprestidae)
- 432. *Capnodis* *porosa* (Klug,1829) (Buprestidae)
- 433. *Cantharis* (s.str.) *brevipennis* Faldermann,1835 (Cantharidae)



434. *Cantharis (Cyrtomoptila) cogina* Reitter, 1902 (Cantharidae)
435. *Cordicantharis diabolica* (Reitter, 1895) (Cantharidae)
436. *Cordicantharis acutangula* (Fairmaire, 1884) (Cantharidae)
437. *Malthodes akbesianus* Pic, 1901 (Cantharidae)
438. *Carabus (Procerus) transversalis* Csiki, 1927 (Carabidae)
439. *Carabus (Procrustes) mulsantianus* Morawitz, 1886 (Carabidae)
440. *Callergates akbesianus* (Pic, 1900) (Cerambycidae)
441. *Asemum tenuicorne* Kraatz, 1879 (Cerambycidae)
442. *Cerambyx (s.str.) dux* (Faldermann, 1837) (Cerambycidae)
443. *Cerambyx (Microcerambyx) scopolii* Fuessly, 1775 (Cerambycidae)
444. *Certallum ebulinum* (Linnaeus, 1767) (Cerambycidae)
445. *Turanoclytus sieversi* (Ganglbauer, 1890) (Cerambycidae)
446. *Agapanthia (Agapanthiopia) coeruleipennis* Frivaldsky, 1878 (Cerambycidae)
447. *Dorcadion (Cribridorcadion) halepense* Kraatz, 1873 (Cerambycidae)
448. *Phyllobrotica frontalis* Weise, 1886 (Chrysomelidae)
449. *Pachybrachis (s.str.) akbesianus* Pic, 1907 (Chrysomelidae)
450. *Altica bicarinata* (Kutschera, 1860) (Chrysomelidae)
451. *Altica jarmilae* Kral, 1979 (Chrysomelidae)
452. *Longitarsus juncicola* (Foudras, 1860) (Chrysomelidae)
453. *Syriopelta funebris* (Fairmaire, 1892) (Cleridae)
454. *Trichodes reichei* Mulsant & Rey, 1863 (Cleridae)
455. *Trichodes longissimus* (Abeille de Perrin, 1881) (Cleridae)
456. *Trichodes suspectus* Escherich, 1892 (Cleridae)
457. *Trichodes punctatus* Fischer v. Waldheim, 1829 (Cleridae)
458. *Trichodes affinis* Chevrolat, 1843 (Cleridae)
459. *Trichodes dilatipennis* Reitter, 1893 (Cleridae)
460. *Trichodes inermis* Reitter, 1893 (Cleridae)
461. *Trichodes laminatus* Chevrolat, 1843 (Cleridae)
462. *Cynegetis syriaca* (Mader, 1958) (Coccinellidae)
463. *Larinus adpersus* Hochhuth, 1847 (Curculionidae)
464. *Larinus latus* (Herbst, 1784) (Curculionidae)
465. *Larinus minutus* Gyllenhal, 1836 (Curculionidae)
466. *Anthrenus (Nathrenus) verbasci* (Linnaeus, 1767) (Dermestidae)
467. *Anthrenus akbesianus* Reitter, 1899 (Dermestidae)
468. *Lacon delagrangi* Buysson, 1891 (Elateridae)
469. *Tetrigus cyprius* Baudi, 1871 (Elateridae)
470. *Cardiophorus (s.str.) akbesianus* (Pic, 1899) (Elateridae)
471. *Amphicoma (Pygopleurus) akbesianus* Petrovitz, 1957 (Glaphyridae)
472. *Amphicoma (Pygopleurus) rufovillosus* Reitter, 1907 (Glaphyridae)
473. *Amphicoma (Eulasia) praeusta* (Champenois, 1896) (Glaphyridae)
474. *Gyrinus dejeani* Brullé, 1832 (Gyrinidae)
475. *Notodoma lewisi* Reitter, 1910 (Histeridae)
476. *Lampyrus nervosa* Olivier, 1883 (Lampyridae)
477. *Lampyrus angustula* Fairmaire, 1895 (Lampyridae)
478. *Platycerus delagrangi* Fairmaire, 1892 (Lucanidae)
479. *Lucanus (s.str.) cervus* (Linnaeus, 1758) (Lucanidae)
480. *Teratolytta dives* (Brullé, 1832) (Meloidae)
481. *Teratolytta flavipes* (Mulsant & Rey, 1858) (Meloidae)
482. *Teratolytta senilis* (Abeille de Perrin, 1895) (Meloidae)
483. *Stenodera (Stenoderina) anatolica* (Frivaldsky, 1884) (Meloidae)
484. *Stenodera (Stenoderina) coeruleiceps* (Fairmaire, 1892) (Meloidae)
485. *Nemognatha (s.str.) chrysomelina* (Fabricius, 1775) (Meloidae)
486. *Haplomalachius akbesianus* (Pic, 1898) (Melyridae)
487. *Dasytidius fulvipes* (Reitter, 1885) (Melyridae)
488. *Dasytes akbesianus* Pic, 1894 (Melyridae)
489. *Epuraea subparallela* Goruvelle, 1896 (Nitidulidae)
490. *Cydistus escalerae* Bolívar y Pieltain, 1913 (Phengodidae)

491. Onthophagus (Palaeonthophagus) fissinasus Fairmaire, 1895 (Scarabaeidae)
492. Maladera (Macroserica) fusconitens (Fairmaire, 1892) (Scarabaeidae)
493. Trichius orientalis Reitter, 1894 (Scarabaeidae)
494. Tropinota (Epicometis) hirta (Poda, 1761) (Scarabaeidae)
495. Protaetia (Potosia) angustata (Germar, 1817) (Scarabaeidae)
496. Anisoplia (s.str.) signata Faldermann, 1835 (Scarabaeidae)
497. Elodes akbesianus Pic, 1898 (Scirtidae)
498. Drusilla cernens Assing, 2005 (Staphylinidae)
499. Quedius atricapillus Reitter, 1900 (Staphylinidae)
500. Quedius quadriceps Fauvel, 1900 (Staphylinidae)
501. Omophlus (Odontomophlus) foveicollis Fairmaire, 1892 (Tenebrionidae)
502. Omophlus (s.str.) hirtipennis Seidlitz, 1896 (Tenebrionidae)
503. Zophosis hydrobiiformis Reitter, 1916 (Tenebrionidae)
504. Pimelia (Eurypimelia) akbesiana Fairmaire, 1884 (Tenebrionidae)

## *Pterygota* list of Hatay Province based upon the info-system of the Cesa

Totally 194 families are represented by 2118 species in the province.

### Lepidoptera

Totally 43 families are represented by 669 species in the province.

### Butterflies

Following 7 families, Argynnididae, Hesperiididae, Libytheidae, Lycaenidae, Papilionidae, Pieridae, and Satyridae are represented by 134 species in the province.

### Argynnididae

1. **Aglais urticae (Linnaeus, 1758)** (Argynnididae) Synonym(s): *urticae* Linnaeus, 1758; *opima* Verity, 1919; *variegata* Querci, 1932; *strandii* Verity, 1936. Taxonomical Reference: *Papilio urticae* Linnaeus, 1758, Syst. Nat. (Edn.10) 1: 477. Type(s): [Sweden (Verity, 1950)]. Range (in code): **AL Bn Kts AT Ba BE BG BY CH CN Co CZ DE Dj DK EE ES FI FR GB GR HU IE Ii IS IT KG LB LT LU LV MK MN NL NO PL PT RO RU Sa SE Sem SI Si SK Sm So Sr Ti Tk TR T-S UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Sr So Tt Sb Cb Kg Or Uk Aq Rk Kt Pp Kw Ty Om Pw No To Mu Kuz Sli At Mn Sp Tk As Tm Db Buc Ssn Tar Sau DsA TrA Ax KuA TeA Um Ku Kml Adu IQ IR Ab Jal Ak Elb Th Mz Kh GG AM AZ Smt Bku Cc US Msc Ny Arr Nra 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 69 70 73 74 75 76 78 81 04D 04Db 05A 06D 06G 06H 06R 06Rd 12B 13G 13Gs 13Gv 13Gw 23D 23Dc 25C 25Ca 25F 25Fa 25Fb 25Fc 30B 30Bb 30Ba2 30Bk 30Bp 30C 30Ca 30D 30Dx 31M 39C 46G 46Gf 49E 49Ea 49F 49Fd 56F 56Fc 58G 58Ga 58R 62G 62Ga 65D 65Dc 65Dc 65Dd 65Df 65Dk 65Dr 65Drb 65E 65Eb 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fg 65Fj 65Fp 65Fq 65F2 65Fz 65K 65Kl 65Kg 65N 65Nk 65Nr2 65Nm 66A 66P 66Pa 73A 73Ae 75F 75Fg 75Fj** Bionomy: Larva on *Urtica dioica* (Urticaceae) (Linnaeus, 1758; et seq.).
2. **Argynnis (Fabriciana) adippe (Rottemburg, 1775)** (Argynnididae) Synonym(s): *cydippe* Linnaeus, 1761 (rejected); *berecynthia* Poda, 1761 (rejected); *adippe* Rottemburg, 1775; *phryxa* Bergsträßer, 1780; *margaritacea* Retzius, 1783; *syrinx* Borkhausen, 1788; *aspasia* Borkhausen, 1788; *liriope* Borkhausen, 1788; *baiuvarica* Spuler, 1901, etc. Taxonomical Reference: *Papilio adippe* Rottemburg, 1775, Naturforscher 6: 13. Neotype ♂: Austria: Mödling bei Wien (designated by Hemming, Riley & Verity, 1958, Appendix to Opinion 501 (ICZN)). Range (in code): **Al AM AZ AL Amd At Bn Kts AT Aty Ba BE BG BY CH CN CZ DE**



DK EE ES FI FR GB GG GR HU Ir IR IT JP Ju KK KG KI KP Kr Ld LT LU LV MK MN NL NO PK Gg PL Pm PT RO RU SE Si SK Sm So Sr TR Ts T-S UA Ui Prj Us YU Cw Dv Smt H-W Sur Ssx Ken Uk Buc Tar DsA TrA KuA Ax Um Adu Mu Mz Arr Geg Aj Smt Kak Bjo Lag Cc Ab 01 05 06 07 08 10 11 14 16 25 31 32 33 34 37 39 42 43 46 53 58 67 74 75 76 77 78 05A 06R 25F 25Fa 25Fb 39C 46G 46Gf 75F Bionomy: Larva on Viola canina, V. odorata, V. hirta (Violaceae) (Tolman, 1997).

3. **Argynnis (Fabriciana) niobe (Linnaeus,1758)** (Argynnididae) Synonym(s): *niobe Linnaeus,1758* Taxonomical Reference: Papilio niobe Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): Kz Elb Dam Gor AL Am At Sj Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES FI FR GR HU Ir IT KG KK Kr LB LT LU LV MK MN NL NO PL PT RO RU Sb SE Si SK Sm So Sr Sz TR UA Ui Ku Um Adu Uk VI YU Sau Tar DsA TrA KuA Ax Ket T-S AM GG AZ IQ IR IL TM Kp TJ His Drw Pm Al Mu Nv Ord Tbl Smt Bjo Cc Ab Jal Mz GlS Kh AF Bd Bqu Prw Pnj 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80 04D 04Db 05A 06B 06H 06K 06P 06R 06Rd 06V 06Z 12A 12Ab 13G 13Gv 13Gw 23E 23I 23Ia 23Ib 23M 24E 24Ea 25F 25Fa 25Fb 25Fc 27C 29A 29Ae 30A 30Aa 30B 30Bc 30Bg 30Bf 30Bj 30Bq 30D 30Dj 31M 44E 44Ej 46F 46Fc 46G 46Gf 49E 49Ea 49F 49Fd 56F 56Fc 62G 65D 65Dd 65Dda 65Df 65Dj 65Dl 65Dlc 65Dk 65Dm 65Do 65Du 65Dü 65Dn 65F 65Fe 65Fg 65Fh 65Fj 65K 65Kö 65Kg 66A 66P 66Pa 80B 80Bc Bionomy: Larva on Viola canina, V. odorata, V. hirta, V. palustris (Violaceae) (Tolman, 1997).

4. **Argynnis (Pandoriana) pandora ([Denis & Schiffermüller],1775)** (Argynnididae) Synonym(s): *pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975.* Taxonomical Reference: Papilio pandora [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 176. Type(s): Austria: Vienna district. Range (in code): AF AL AM At AT AZ BG B-H BY CH CN Cn Co Cr CZ DZ DE EE ES Fe FR GG GR HU HV IQ IR IT LB Kr MA MK PL PT RO RU Sa Si SK Sr SS TJ Pm TM TN TR T-S UA Ui UZ VI YU Z-G LAT Wn SY Aq Uk KG Nym Buc Ktm Sau Tar DsA Ket Bog Tu TeA KuA TrA Tm Ax KK Um PK Gg Ci Adr Mu Mu18 Um Ae CY T-S Ab Oru Elb Th Mz GlS Nv Ord Tbl Bjo Smt Cc Mos Lbs Agi Blid Taz Dju Tth Mage Abe Dje KhH Sbd Orn Tlm Hrh Dzc Azr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81 04D 04Db 05A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 09K 09Ka 12A 12Aa 12B 13A 13Ab 13C 13Cd 13G 13Gs 13Gv 13Gw 14I 14Ib 21K 21N 21Nb 21P 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 27Cb 29A 29Ae 30B 30Br 30D 30Dx 31F 31Fb 31M 38H 38Hc 39C 44A 44Ab 44F 44Fb 44O 44Oi 46F 46Fc 46Fe 46Fi 46G 46Gi 46L 49E 49Ea 56F 58G 58Ga 58Gi 58Rb 65D 65Dk 65Dm 65Do 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fe 65Fg 65Fj 65Fi 65Fu 65Fc 65Fp 65Fz 65K 65Kg 65Kl 65Kö 65Ks 65Ku 65Kz 66A 66P 66Pa 72E 72Ec 72Eg 72F 73D 73Db 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80A Bionomy: Larva on Viola, V. cheiranthifolia (Violaceae) (Tolman,1997; Koçak & Kemal, pers.).

5. **Argynnis (Speyeria) aglaja (Linnaeus,1758)** (Argynnididae) Synonym(s): *aglaja Linnaeus,1758; charlotta Haworth,1802; emilia Acerbi,1802 nec Cr.,1779; caroletta Jermyn,1827; locuples Verity,1919 nec Butler,1879; emilocuples Verity,1919; locupletata Verity,1922; montesignum Sagarra,1926.* Taxonomical Reference: Papilio aglaia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): AM AL At Bn Kts AT Aty Ba BE BG BY CH CN CZ DE DK EE ES Mu FI FR GB GG GR HU IE IT Ju KG KK LT LU LV MK MN NL NO PL PT RO RU SE Si SK Sm So Sr St TR T-S UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken Sau Tar DsA TrA KuA Ax PK Ci Nwf Arr Geg Smt Akh Bku Bjo Sva Cc IR Ab Lkr Azr Ifr 01 03 04 05 06 07 08 10 11 13 14 16 18 24 25 26 28 29 30 31 32 33 34 36 37 39 42 43 46 50 51 52 53 57 58 60 61 62 65 66 67 69 74 75 76 78 05A 06G 06R 06Rd 13G 13Gv 14I 14Ib 25F 25Fa 29A 29Ae 30B 30Ba 30Bc 30D 30Dt 31F 31Fb 62G 62Ga 65D 65Do 65F 65Fj 65Fi 65Fz 66A 66P 66Pa 75F 75Fc 75Fi 78D 78Da Bionomy: Larva on Viola brachytropis (Violaceae) (Kumakov & Korshunov, 1979); Viola tricolor, V. palustris, V. hirta (Tolman, 1997).

6. **Argynnis (s.str.) paphia (Linnaeus,1758)** (Argynnididae) Synonym(s): *paphia Linnaeus,1758; valesina Esper,[1798]; magnata Verity,1919; revelata Verity,1934; magnifica Verity,1919; magnificamagnata Verity,1950.* Taxonomical Reference: Papilio paphia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): Ae AL Am At Kts AT Ba BE BG B-H BY CH CN Co CZ DE DK EE ES FI FR GB GR HU HV IE Ir IT JP Kb Kc KG KK KP Kr LT LU LV MK MA MN Mn NL NO Or PL PT RO RU Sa Sb SE Sh Si SK Sm So Sp Sr SS TR Arr T-S UA Ui Um Adu Uk VI Ya YU Cw Dv Smt H-W Sur Ssx SY Kuz Sli Tar Ket DsA Sa DZ Mu Bn KuA TrA IQ Ama IR Ab Gh Mz Elb Cc AM GG AZ Geg Len Smt Bjo Aj Dja Dju Sbd BtNa Lbs Clo Blid 01 02 05 06 07 08 09 10 11 13 14 16 17 24 25 29 30 31 32 33 34 35 36 37 39 41 42 43 46 48 52 53 55 60 61 62 65 67 73 74 75 76 77 78 80 81 05A 06R 13C 13Cd 13G 13Gy 25F 25Fa 30A 30Aa 30B 30Bf 30Bg 30Bj 33H 39C 46G 46Gf 56F 65D 65Do 73A 73Ad 73D 73Df 75F 75Fd 80A Bionomy: Larva on Viola hirta, V. palustris, V. sylvatica (Krulikowsky, 1888; Kumakov & Korshunov, 1979); Viola canina, V. odorata, V. (?) mumbyana, V. reichenbachiana, V. riviniana (Violaceae) (Tolman, 1997).

7. **Boloria (Clossiana) euphrosyne (Linnaeus,1758)** (Argynnididae) Synonym(s): *euphrosyne Linnaeus,1758; argenticollis Retzius,1783; fingal Herbst,1800; densoi Fruhstorfer,1909; apennina*

*Fruhstorfer,1916; cynosoma Fruhstorfer,1916; nestonclara Verity,1932; eminens Verity,1932; varianana Verity,1932; austreminens Verity,1950, etc.* Taxonomical Reference: *Papilio euphrosyne* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Syntypes: Europe, N. America; [Sweden (Verity,1950)]. Range (in code): **AL At Bn Kts AT Aty Ba Bw Rp BE BG BY CH CN CZ DE DK EE ES FI FR GB GG Cc Abk Smt Bjo GR HU IE IT IR Ab Ak KG Kr LT LU LV MK MN NL NO PL PT RO RU SE Si SK Sm So Sr Sj TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken 03 05 06 08 14 16 18 22 25 26 29 31 30 36 37 41 43 52 57 60 61 66 74 75 78 81 05A 06R 14I 14Ib 30B 30Bj 31F 31Fb 66A 75F** Bionomy: Larva on *Viola reichenbachiana*, *V. canina*, *V. palustris*, *V. odorata*, *V. riviniana*, *V. ? rhodopeia*, *V. hirta* (Violaceae) (Tolman,1997).

8. **Brenthis daphne (Bergsträsser,1780)** (Argynnidae) Synonym(s): *daphne Bergsträsser,1780; chloris Esper,1778 nec Fabricius,1775; epidaphne Fruhstorfer,1907; nikator Fruhstorfer,1909; tenuitermaculosa Verity,1922; syriaca Belter,1935; anatolica Belter,1935.* Taxonomical Reference: *Papilio daphne* Bergsträsser,1780, Nomencl. Besch. Ins. 4: 32, Taf. 86 figs. 1,2. Type(s): Deutschland: [Hanau-Münzenberg]. Range (in code): **AZ Sms At AT Ba BG BY CH CN DE ES FR Co GG GR HU IT JP LT IR Ak MK PL RO RU Si SK Sm So Sr TR UA YU KG Uk TM Kp T-S TrA DsA Tar Sau Da Bjo Smt Cc Ab 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 59 60 62 69 73 76 80 05A 13G 13Gw 23I 23Ia 25F 25Fa 25Fb 30A 30Aa 30B 30Bc 30Bf 30Bj 31F 31Fb 33A 35L 39C 45L 45La 49E 49Ea 80B 80Bc** Bionomy: Larva on *Rubus fruticosus*, *R. idaeus*, *Filipendula ulmaria*, *Sanguisorba* (Rosaceae) (Nel & Luquet,1981; Tolman,1997).

9. **Issoria lathonia (Linnaeus,1758)** (Argynnidae) Synonym(s): *lathonia Linnaeus,1758; saturata Röber,1897; hungarica Aigner-Abafi,1906; florens Verity,1916; emiflorens Verity,1919; attenuata Sagarra,1926; nigroprivata Verity,1933.* Taxonomical Reference: *Papilio lathonia* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Range (in code): **Adr AF AL At Kts AT Ba BE BG B-H BY Ch CH CN Cn Co CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IT KG KK Kr LB Ld LT LU LV MA MK NL NO PK PL PT RO RU Sa SE Sem Si SK Sm So Sr SS TJ Tk TM TN TR T-S UA Ui Uk UZ VI YU NP SI Ken Tm Sau Tar DsA TrA KuA Ax TeA Mu Mu18 T-T Sz Ket PK Ci Nwf Sfk Bl MM Abb Mre IQ Cc GG AZ Am Nv MD Tls T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Gls Kh Nra Ifr Lkr Dju Agi Lbs Sbd Azr Hr Ng Lgh 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81 04D 04Db 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13A 13Ab 13Ac 13F 13F35 13G 13Gö 13Gg 13Go 13Gs 13Gv 13Gw 21N 21Nb 23E 23I 23Ia 23Ib 23M 25F 25Fa 27C 27Cb 30D 30Df 31F 31Fb 31M 39C 44A 44Aa 44Ab 46F 46Fc 46G 46Gi 49E 49Ea 56D 56Dc 56F 56Fn 58G 58Gi 58N 65D 65Dj 65Dk 65Do 65Dr 65G 65Gd 65Ge 65F 65Fg 65Fh 65Fd 65Fe 65Fi 65Fq 65Fs 65Ft 65K 65Kg 65Ka 65Ke 65Kl 65Kö 65Ks 65Kp 65N 65Nk 65Np 65Nm 66A 66P 66Pa 73D 73Da 73Dg 75F 75Fe 75Fi 75Fj 76A 76Ad 78D 78Da** Bionomy: Larva on *Viola tricolor*, *V. arvensis*, *V. aetolica*, *V. lutea*, *V. biflora*, *V. calcarata*, *V. corsica*, *V. odorata* (Violaceae); *Anchusa* (Boraginaceae); *Onobrychis* (Fabaceae) (Wiltshire,1957; Tolman, 1997).

10. **Limnitis (Azuritis) reducta Staudinger,1901** (Argynnidae) Synonym(s): *reducta Staudinger,1901.* Taxonomical Reference: *Limnitis camilla* var. *reducta* Staudinger,1901, Cat. Lepid. Palaearct. Faunengeb. 3(1): 22,nr.135a. Syntypes: [Armenia]: Arm. or; [Iran]: Hyrc. Lectotype ♂: Azerbaidjan: Hankynda, designated by Wagener,1995, Die Tagfalter der Türkei: 978. Range (in code): **Ae AL AM AT AZ BG B-H BY CH Co CZ DE ES Mu FR GG Cc GR HU HV IL IQ IR Ab Ak Elb Fa Gls Kh IT JO Kp LB LU MK NL Rd RO RU Sa Si SK Sm Sr SS SY TM TR UA YU CY 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 50 51 52 53 55 56 58 59 60 62 65 66 67 71 72 73 75 76 77 78 05A 06B 06C 06G 06K 06P 06R 06Rd 06V 13C 13Cd 13Cf 13Cg 13G 13Gy 21N 21Nb 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bo 30Br 31B 31L 31La 39C 45L 45La 46F 46G 48A 48Ah 48D 56F 65D 65Dk 65Dl 65Do 65F 65Fe 65Fd 65Fu 65K 65Kg 66A 72E 72Ec 73A 73Ad 73Ad2 73D 73Dg 73Df 75F 75Fd 76D 76Da 78D 78Da** Bionomy: Larva on *Lonicera periclymenum*, *L. etrusca*, *L. implexa*, *L. xylostemum*, *L. alpigena*, *L. nummulariifolia*, *L. caprifolium*, *L.iberica*, *L.orientalis* (Boudinot,1986; Ebert,1991; Tolman,1997; Dantchenko,in.litt.).

11. **Melitaea (Cinclidia) collina Lederer,1861** (Argynnidae) Synonym(s): *collina Lederer,1861* Taxonomical Reference: *Melitaea collina* Lederer,1861, Wien. ent. Monatschr. 5: 148, pl.1 figs.4,5. Syntypes: [Türkei]: Antiochia [=Antakya]. Range (in code): **IL Pa IQ Shq LB SY TR IR Ab 01 21 23 24 27 30 31 33 44 46 56 62 63 65 73 80 21N 21Nb 21Nh 21P 23I 23Ia 23Ib 27C 31M 31F 31Fb 46G 46Gi 56F 62G 62Ga 63E 65D 65Dk 65Dt 65Dn 65K 65Kg 80B 80Bc**

12. **Melitaea (Cinclidia) ornata Christoph,1893** (Argynnidae) Synonym(s): *ornata Christoph,1893; uralensis Krulikowsky,1897 nec Evers.,1844; ufensis Krulkowsky,1902; lokris Fruhstorfer,1908; telona Fruhstorfer,1908; amanica Rebel,1917; emipunica Verity,1919; punicata Ragusa,1919; doraе Graves,1925; nigrogygia Verity,1939; enoch Higgins,1941; #asciata Wiltshire,1946; capreola Varga,1967; kovacsi Varga,1967; abbas Gross & Ebert,1975* Taxonomical Reference: *Melitaea phoebe* var. *ornata* Christoph,1893, Dt. ent. Z., Iris 6: 87. Type(s): [Russia]: Südural: Guberla. Range (in code): **BG Slv Rh Bgz He Alb IL Pa Hf JO LB Elb Th Bk Fa Ke TR Cc SY IQ Ama Hjo IR Shr At Bn Ao Bs KG Or RU Sr Tt Uk VI TR HU 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56**



58 60 62 65 66 68 69 70 71 73 76 80 05A 06B 06C 06G 06H 06K 06N 06Nc 06P 06R 06Rd 06S 06V 06Z  
13C 13Cm 13F 13G 21N 21Nb 27C 27Cb 31F 31Fb 44E 49E 49Ea 56F 56F1 56fg 56Fp 56Fm 56Fy 56Fs 58C  
58G 58Ga 58Gi 62H 65D 65Dc 65Dr 65Drb 65F 65Fz 65Fç 65N 65Np 65Np7 65Nm 66A 66P 66Pa 73D  
73Dg 76D 76Dğ 80B 80Bd

13. **Melitaea (Cinclidia) phoebe (Goeze,1779)** (Argynnidae) Synonym(s): *#phoebe* [Denis & Schiffermüller,1775; *phoebe* Goeze,1779; *paedotropos* Bergsträßer,1780]; *tremulae* Piller & Mitterpacher,1783. Taxonomical Reference: Papilio phoebe Goeze,1779, Ent. Beyträge 3 (1); 365. Range (in code): Ae AL Ao At Bn Kts AT Ba BE BG B-H Bw BY CH CZ DE EE ES Mu FR GR HU HV IT KG Kr LT LU LV MK PL PT RO RU Si SK Sm So Sr SS TR UA Uk VI YU CN Ui Um Tar Sau DsA TrA KuA T-S Arr Nv Ord Smt Bjo AM AZ GG Cc IR Ab MN 01 04 05 06 08 10 11 13 14 16 17 22 23 24 25 26 27 30 31 33 34 36 39 41 42 44 46 50 51 55 58 59 60 61 62 65 66 69 71 73 75 77 78 80 05A 06B 06R 06Rd 06V 25F 25Fa 25Fb 25Fc 30B 30Bc 30Bc2 31F 31Fb 65D 65Dç 65Dd 65Dda 65Df 65Dl 65Dlc 65Dk 65Dm 65Do 65Dp 65F 65Fp 65Fe 65Fz 65K 65Kl 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dl 65Dlc 65Dk 65Dm 65Do 65Dp 65F 65Fç 65Fd 65Fg 65Fh 65Fm 65F2 65Fz 65K 65Kc 65Kl 65Kz 65Kğ 66A 72E 72Eh 75F 75Fc 80C Bionomy: Larva on Centaurea jacea, C. montana, C. graeca, C. scabiosa, C. nigrescens, C. alba, C. columbaria (Asteraceae) (Tolman, 1997).

14. **Melitaea (Didymaeformis) didyma (Esper,[1779])** (Argynnidae) Synonym(s): *didyma* Esper,[1779]; *cytheris* Müschen,1781; *neera* Fischer de Waldheim,1840; *meridionalis* Stauding,1861; *occidentalis* Staudinger,1861; *dalmatina* Staudinger,1861; *graeca* Staudinger,1870; *jaika* Krulikowsky,1897; *kasanskyi* Krulikowsky,1901; *mauritanica* Oberthür,1909; *mauretanica* Oberthür,1909; *patycosana* Turati,1911; *nisseni* Rothschild,1913; *interposita* Rothschild,1913; *oreithyia* Fruhstorfer,1917; *druentia* Fruhstorfer,1917; *lesora* Fruhstorfer,1917; *naina* Fruhstorfer,1917; *tarlonia* Fruhstorfer,1917; *seilemis* Fruhstorfer,1917; *marsilia* Fruhstorfer,1917; *cataprotea* Verity,1929; *libanotica* Belter,1934; *montium* Belter,1934; *variabilis* Belter,1934; *pontifex* Bryk,1940; *pfeifferi* Bryk,1940; *orinomus* Rüttimeyer,1942; *boschmai* Eisner,1942; *ibra* Higgins,1964; *pseudolatonigena* Yakovlev,2002. Taxonomical Reference: Papilio didyma Esper,[1779], Die Schmett. 1: 365. Type(s): [Germany]: Bavaria: Uffenheim. Range (in code): Ae AL AM Ao Bn At AT Az Ba BE BG B-H BY CH CZ DE EE ES Mu Abr FR GG GR HU HV Ii IL IQ It Kr LB LT LU LV MK NL PL PT RO RU Tv Ry Si SK Sm So Sr SS TR UA Uk VI MA DZ TN KK TeA KG TJ UZ AF CN Ui Ku MN T-S Ax KuA TrA Ket Mrk Sau Tar Sp Bg Hk Pm Ui Ku Cc Arr SY IL He Pa Hf Bsa BtNa Sbd Eba Mkn Ouk Dju Tlm BSa DhM Lbs Hrh Orn Phv Clo Azr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 04D 04Db 05A 06B 06G 06H 06K 06N 06Na 06P 06R 06Rd 06V 06Z 12B 13F 13G 13Gv 13Gw 14I 14Ib 18F 21K 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb 27C 27Cb 31F 31Fb 31M 38H 38Hc 39C 44A 44Ab 44E 44O 44L 46F 46Fc 46Fg 46G 46Gf 46Gi 49E 49Ea 49Ec 58C 58N 58R 58Rb 62D 62E 62F 62G 62Ga 63B 65D 65Dc 65Dd 65Dda 65Dv 65E 65K 65Kb 65G 65Gl 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fl 65Fq 65Ft 65F3 65Fz 65K 65Kc 65Kğ 65Kl 65Kö 65Kş 65Kü 65N 65Nj 66P 66Pa 72E 72Eh 72Ei 76D 76Da 78D 78Da Bionomy: Larva on Linaria vulgaris, L. peloponnesiaca, L. alpina, Antirrhinum brevifolium, Misopates orontium, Plantago subulata, P.amplexicaulis, P.bellardi deflexa, P.lanceolata, P.major, Veronica teucrium, V.chamaedrys, Digitalis grandiflora, D.purpurea, Stachys recta, Valeriana officinalis, V.montana, V.persica, Verbascum thapsus (Tolman,1997).

15. **Melitaea (Didymaeformis) syriaca Rebel,1905** (Argynnidae) Synonym(s): *syriaca* Rebel,1905; *pseudodidyma* Rebel,1905; *aabaca* Fruhstorfer,1911; *bloetei* Eisner,1942 Range (in code): LB Bei JO IL Pa Hf He SY TR GR Ae BG 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81 05A 06B 06H 06G 06K 06N 06R 06Rd 06V 06Z 12A 12Ab 12B 13G 13Ga 13Gv 13Gw 21N 21Nb 23C 23Cc 23D 23Dc 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 31K 31Ka 31F 31Fb 39C 44I 44O 44Oc 46G 46Gi 46Gf 48A 48Al 48D 49F 49Fd 49E 49Ea 58R 62G 62Ga 63B 63D 65D 65Dç 65Dd 65Dda 65G 65Gd 65Ge 65F 65Fe 65Fç 65Fp 65Fz 65Fm 65Fq 65Fü 65F2 65K 65Kl 65N 65Nr3 65Nm 66A 66P 66Pa 72E 72Eh 72Ei 76A 76Ac 80B 80Bc

16. **Melitaea (Mellicta) athalia (Rottemburg,1775)** (Argynnidae) Synonym(s): *athalia* Rottemburg,1775; *eos* Rossi,1803 *nec* Rossi,1794; *pyronia* Hübner,1804; *aphaea* Hübner,1816; *tessellata* Stephens,1827; *britannia* Verity,1914; *luciflua* Fruhstorfer,1916; *vividior* Gouin,1922; *anatolica* F.Wagner,1929; *subluciflua* Verity,1935; *mixtaceladussa* Verity,1940; *neglecta* Pfau,1962 Taxonomical Reference: Papilio athalia Rottemburg,1775, Naturforscher 6: 5. Type(s): [France: Paris]. Range (in code): AL AT Ba BG B-H BL BY CH CZ DE DK EE ES Mu FI FR GB GR HU HV IT JP LT LU LV MK NL NO PL PT RO Rh RU SE Si SK Sm So Sr SS TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken At Bn Kts GG Kak Lag Smt Bjo Cc CN Ui 01 03 05 06 08 10 11 16 17 18 19 24 25 29 30 31 33 34 36 37 39 42 52 53 54 55 58 60 61 62 66 69 73 74 75 76 78 05A 06R 25F 25Fa 25Fb 25Fc 66A 66P 66Pa 75F 75Fd 78D 78Da Bionomy: Larva on Plantago, Veronica, elampyrum, Digitalis, Linaria, Centaurea, Chrysanthemum, Hieracium, Tanacetum (Asteraceae) (authors).

17. **Melitaea (s.str.) arduinna (Fabricius,1787)** (Argynnidae) Synonym(s): *arduinna* Fabricius,1787; *rhodopensis* Freyer,[1836]; *uralensis* Eversmann,1844; *evanescens* Staudinger,1886; *#fulminans* Staudinger,1886; *kocaki* Wagnen & Gross,1976 Taxonomical Reference: Papilio arduinna Fabricius,1787,

Mant. Ins. 2: 60, nr.577. Type(s): [Russia]: Russia australiori. Range (in code): Aa AF At Bn Ba BG CN Db GR KG KK MK RO RU Sr TJ Tk TR Cc T-S UA Ui UZ JO Buc Nym Ktm Tar Sau DsA TrA Tu Bog Mkk IR Ab Jal Zj Elb Th Lo IQ 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 49 56 65 72 73 80 05A 07D 13G 13Gv 21F 25F 25Fa 25Fb 27C 27Cb 31M 39G 46G 46Gi 49E 49Ea 56F 65D 65De 65Dc 65Dd 65Dda 65Dl 65Dlc 65Dm 65Do 65Dt 65Dn 65F 65Fb 65Fc 65Fe 65Fh 65Fj 65Fq 65Fz 65F2 65F3 65M 65Md 65Ne 65Nb 65N 65Na 65Np 65Ns 65Nm Bionomy: Larva on Centaurea behen (Wiltshire); Centaurea ? graeca (Asteraceae) (Tolman,1997).

18. **Melitaea (s.str.) cinxia (Linnaeus,1758)** (Argynnidae) Synonym(s): *cinxia* Linnaeus,1758; *abacus* Retzius,1783; *fulla* Quensel,1791. Taxonomical Reference: Papilio cinxia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 480. Type(s): [Sweden (Verity,1950)]. Range (in code): AL At Bn Kts AT Ba BE BG Hsk B-H BY CH CN CZ DE DK DZ EE ES Mu FI FR GB GR HU HV IT IQ IR Elb Ab Ak Fa Qz Ha KG Kr Ku LT LU LV MK MA MN NL NO PL PT RO RU SE Si SK Sm So Sr SS TR UA Ui Uk VI YU Sau Tar DsA TrA Mz GG AZ AM Nv Arr Ord Smt Bjo Tbl Cc MD T-S Skj Sbd Ouk Azr Ifr 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80 05A 06A 06B 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13B 13Ba 13E 13Ea 13F 13G 13Gö 13Gg 13Go 13Gs 13Gü 13Gv 13Gw 21N 21Nb 23D 23De 23E 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 29A 29Ae 31F 31Fb 31M 38H 38Hc 44A 44Aa 44E 44Ej 46F 46Fc 46G 49E 49Ea 58G 58Ga 58Gi 62G 62Ga 62E 62F 65D 65Dc 65Dd 65Dda 65Dr 65Drb 65G 65Gd 65Ge 65F 65Fb 65Fc 65Fc 65Fd 65Fe 65Fg 65Fh 65Fm 65Fz 65K 65Kl 65Kg 65Kö 65Kz 65Ks 65N 65Nr2 65Nr3 65Nr4 65Nr6 65Nr7 65Nm 66A 66P 66Pa 73D 73Dg 76C 76A 76Ab 76D 76Dd Bionomy: Larva on Plantago lanceolata, P. subulata, P. bellardii deflexa, P. argentea, P. cynops, P. major, P. media, Veronica teucrium, Viola (Violaceae); Centaurea pullata, C. (?) graeca, Scorzonera pygmaea, Hieracium (Asteraceae) (Higgins & Riley,1970; Tolman

19. **Nymphalis polychloros (Linnaeus,1758)** (Argynnidae) Synonym(s): *polychloros* Linnaeus,1758; *testudo* Esper,1781; *pyrrhomelaena* Hübner,1824; *pyromelas* Freyer,1834; *fervida* Standfuß,1896. Taxonomical Reference: Papilio polychloros Linnaeus,1758, Syst. Nat. (Edn.10) 1: 477. Type(s): [Sweden (Verity,1950)]. Range (in code): Ae AL AM Cc Ao At AT AZ Ba BE BG B-H BY CH Cm Co Cr CZ DE DK DZ Dju Blid ES Mu FI FR GB GG GR HU HV IE IQ IR Ab Elb Mz Gl IT KG Kp Kr MA Rf MK MT NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS TM TN TR UA Uk VI YU Sur Ssx Ken LB SY PK Ci Nwf Haz Mre CY EE LT LU LV Sbd Mage Agi Orn Anna Blid Btma Khk Ktr DhM Ght Lkr Hrh Dzc 01 03 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 25 26 27 30 31 32 33 34 35 36 39 40 41 42 43 44 45 46 47 48 50 51 52 56 58 60 62 65 71 73 78 05A 06A 06V 06K 06R 06Rd 12A 12Ab 12Ac 13C 13Cd 13F 13F33 13G 13Gw 21N 21Nb 25F 25Fa 25Fb 27C 27Cb 31M 44E 44Ej 45L 45La 47D 48A 48Ak 56B 56Bb 56F 60C 62G 62Ga 65D 65Dk 65Dv 65Dt 78D 78Da Bionomy: Larva on Ulmus procera, U. glabra, U. campestris, U. americana, Salix caprea, S. alba, S. pedicellata, S. viminalis, Prunus avium, P. domestica, Prunus padus, Pyrus communis, Malus domestica, Populus tremula, P. nigra, P. alba, Sorbus tormilis, Crataegus monogyna (Tolman,1997).

20. **Nymphalis xanthomelas (Esper,[1781])** (Argynnidae) Synonym(s): *xanthomelas* [Denis & Schiffermüller],1775; *xanthomelas* Esper,[1781] Taxonomical Reference: Papilio xanthomelas Esper,[1781], Die Schmett. 1(2): 77, pl.63, fig.4. Type(s): Wien. Range (in code): AF Ng Jla AL AM Cc At Bn AT AZ Ba BG B-H BY Ch CN Cr CZ Dj DK EE FI FR GB GG Smt Bjo GR HU HV IR Ab Zj Elb Mz JP Kab Kbb KG Kr LT LV MK Pag PL Pnj RO RU SE Sem SK Sm So Sr SS Tk TR UA Uk YU Syr Tm Ui Um Kml Sau Tar DsA Ax TrA KuA Kma Ci Wa Bl PK IN T-S 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 49 51 56 62 65 69 72 73 76 05A 13C 13Cd 13F 13F35 13G 13Gw 21N 21Nb 25F 25Fa 25Fb 31M 49E 49Ea 56F 56Fb 65D 65Dü 65F 65F1 65Fz 72F 73A 73Ae Bionomy: Larva on Salix, Populus (Salicaceae) (Bartel, 1902).

21. **Polygonia (Comma) c-album (Linnaeus,1758)** (Argynnidae) Synonym(s): *c-album* Linnaeus,1758; *g-album* Fourcroy,1785. Taxonomical Reference: Papilio c-album Linnaeus,1758, Syst. Nat. (Edn.10) 1: 477. Type(s): [Sweden (Verity,1950)]. Range (in code): AF AL At Bn Kts AT Ba BE BG BY CH CN Co CZ DE DK EE ES Mu FI FR GB GR HU IT KG Kr LB LT LU LV DZ MA TN MN NL NO PL PT RO RU Sa SE Si SK Sm So Sr Ti TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken GG AZ AM Nv MD MK HV SS B-H MD Cc IQ Ama IR Mz Elb TH CMa Hr Ab Gl Tgr Ouk Dju Agi DhM Hrh Dzc 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 41 42 43 44 46 48 49 50 52 53 55 58 59 60 61 62 65 66 73 74 75 76 78 81 05A 06B 06K 06R 13C 13Cd 13F 13F33 13G 13Gv 21N 21Nb 27C 27Cb 31M 39C 46F 46G 46Gf 48F 49E 49Ea 56F 65D 65Do 66A 78D 78Da Bionomy: Larva on Ribes grossularia, R. uva-crispa, Urtica dioica, Salix caprea, S. alba, Humulus lupulus, Corylus avellana, Ulmus glabra, U. minor, U. procera, U. laevis (Tolman,1997).

22. **Precis (Junonia) orithya (Linnaeus,1758)** (Argynnidae) Synonym(s): *orithya* Linnaeus,1758 Taxonomical Reference: Papilio orithya Linnaeus,1758, Syst. Nat. (Edn.10) 1: 473. Type(s): India. Range (in code): TR BI BJ BW CF CG CI CM DJ EH ER ET GA GH GM GN GO Bio GW IQ Nsr Bji Bgd IR Lo Fa Ke JO KE KW LR LY MA MG ML MR MW MZ NA NE NG OM PK RW SA SD SL SN SO ST SZ TD TG TN TZ UG YE MG ZA Nta Kzu Ptb ZM ZR ZW SY IN LK MM Ci Mre Pj Nwf Pes Rw Cp Tra Tva Lpo Spb Lj Kru Dbn MZ ZW BW NA PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam



CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Tab Taw Tic Stu SG ID Sum Ja Bli Lb LS Baw Bor Clb Hn TH MY Lkw CMA Cuo Cuo7 Cui2 Cmz Czi1 Loe Nna Knc Cbi Sbu Non Phi Nrt Cbu Ray Pht Sgk Yal Tng Hya PSu Nst Ths AE AF AO BF BH MW Zom Koh Msr Swa Kkar Ng Jla 21 31 63 Bionomy: Larva on Justicia, Lepidagathis (Acanthaceae) (Wiltshire,1957).

23. **Vanessa (Cynthia) cardui (Linnaeus,1758)** (Argynnidae) Synonym(s): *cardui* Linnaeus,1758; *carduelis* Cramer,1775; *elymi* Rambur,1829; *kershawi* McCoy,1868; *pallida* Schoyen,1881; *japonica* Stichel,1908; *universa* Verity,1919; *takesakiana* Kato,1925; *jacksoni* Clark,1927 Taxonomical Reference: Papilio cardui Linnaeus,1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa [Sweden (Verity,1950)]. Range (in code): Ad Ae AF AL As At AT Az BE BG BH BY Ch CH CN Co Cr CY CZ DE Dh DK EE ES FI FR GB GR Hd HJ HU IE IL IN IQ IR IS IT JO KG KK KW LB Ld LT LU LV MN MT Mu Nf Nj NL NO PH PK PL PT QA Rd RO RU SA Se Si SK SY Ti TJ TM TR T-S UA Ui UZ YE YU SS HV B-H MK Mt AO BF BI BJ BW BZ CF CG CI CM Cn DJ Dj DZ EG EH ER ET FP GA GH GM GN GO GW KE KM LR LS LY MA MG ML MR MW MZ NA NE NG RW SC SD Sem SL SN SO ST SZ TD TG Tk TN TZ UG ZA ZM ZR ZW Cw Dv Smt H-W Sur Ssx Ken Cy LY Kts Tm Ci Um Sau Tar DsA TeA KuA TrA Ket Bn Ar Mu Mui8 GG AZ Nv AM MD NP Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ke Luz Mno Neg Pal US MX Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mns Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy Ord Nta Kzu Ptb Gau Pre Est Spb Lj Tva Lpo Mdk Ent Kru Pma Pf Pa Hf TH CMA SD91 SD119 MW Zom Arr Oru Jal Msw Kh KP KR JP Koh Msr Nra Bhh Ad SO Zai Ifr Rbt Saia Tlm Orn Agi Blid Ges Dje Ogl Bsk Ktr Btma BSa Tmn Ah Ajj Hrh Sfr Mzg Onç Ceg Gtt Rbt Azr Idl Ath Ng Jla Hr BLM Prw Pnj 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06Z 13A 13Ac 13B 13Ba 13C 13Cf 13Cg 13D 13Da 13F 13F33 13F35 13G 13Gö 13Gg 13Gv 13Gk 13Go 13Gw 13Gz 14I 14Ib 21N 21Nb 21Nh 21P 21Pa 23D 23Dc 23I 23Ia 23Ib 23E 23M 25A 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bb 30Bk 30D 30Df 31F 31Fb 31K 31Ka 31La 36D 36Db 39C 44A 44Aa 44Ab 44E 45L 45La 46F 46Fc 47F 48A 48Ak 48D 48F 48L 49E 49Ea 49Ec 56A 56D 56Db 56Dc 56Dh 56Dg 56F 58C 58G 58Ga 58Gd 58Gi 62G 62Ga 62E 63B 63D 63E 63G 63M 65D 65Dc 65Dç 65Dk 65Dl 65Dlc 65Dn 65Do 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65Eç 65Ed 65F 65F1 65Fb 65Fd 65Fg 65Fj 65Fm 65Fn 65Fq 65Fr 65Fü 65Fw 65Fz 65G 65Gf 65Gi 65Gv 65Gz 65K 65Kc 65Ka 65Kl 65Kg 65Ks 65Ky 65Ky1 65L 65N 65Nc 65Nc4 65Nh 65Nk 65Np 65Np1 65Np2 65Np3 65Np4 65Nm 65Nl 65No 65Nr5 65M 65Mc 65Md 66A 66P 66Pa 72E 72Ek 72F 73D 73Da 73Df 75F 75Fg 75Fj 75Fi 76A 76Ac 76B 76Bf 76Bh 76C 76D 76Da 78D 78Da 80B 80Bc Bionomy: Larva on Cirsium, Carduus, Echium, Malva sylvestris, M. parviflora, Glycine max, Achillea (Kumakov & Korshunov, 1979; Tolman, 1997).

24. **Vanessa (s.str.) atalanta (Linnaeus,1758)** (Argynnidae) Synonym(s): *atalanta* Linnaeus,1758; *amiralis* Retzius,1783; *#klemensiewiczzi* Schille,1896; *#klimene* Fischer,1896; *italica* Stichel,1900. Taxonomical Reference: Papilio atalanta Linnaeus,1758, Syst. Nat. (Edn.10) 1: 478. Type(s): [Sweden (Verity,1950)]. Range (in code): IL He Pa Hf Ae AL Ao At AT Az Ba BE BG B-H BY CH CN Co Cr CZ DE DK DZ EE ES FI FR GB GR HU HV IE IR IS IT JO KG Kp Kr LB LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS TM TN TR T-S UA Ui Uk V1 YU Cw Dv Smt H-W PK Zh Bl Ce GG AZ AM CY US MX Sur Ssx Ken Cn Mu Mui8 Nv MD Elb Mz Gl CA GT CU HT NZ AU Aks Alb Arz Cf Cnt Col Dw Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Tx Ut Vi Vr WVi Wc Ws Wy IQ Bgd Ab Blid Orn Agi Ktr Cst Tun Tlm Tgr Hrh Hmk Mzg Tou Clo Sbd Rbt 01 03 04 05 06 07 08 09 10 11 13 14 16 17 18 21 22 23 24 25 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 48 50 51 52 53 55 56 58 59 60 61 62 63 65 66 71 74 75 77 78 80 81 04D 04Db 05A 06G 06H 06R 06Rd 06S 06Z 09K 09Ka 13F 13F33 13G 13Gü 13Gy 13Gw 14I 14Ib 21N 21Nb 23E 27C 27Cb 30D 30Df 39C 45L 45La 46F 46Ff 48A 48Ak 48D 48F 48L 56B 56Bb 56F 58G 58Ga 58Gi 63D 63E 65D 65Dç 65F 65Fq 65Fs 65Fz 65L 65N 65Nc 65No 65Nm 66A 66P 66Pa 75F 75Fi 77F Bionomy: Larva on Urtica urens, U. membranacea, U. pilulifera, U. dioica, Parietaria officinalis, P. diffusa, P. debilis, Humulus lupulus (Krulikowsky, 1907; Kumakov & Korshunov, 1979; Korshunov & Gorbunov,1995; Tolman, 1997).

## Hesperiidae

25. **Carcharodus (Lavatheria) stauderi Reverdin,1913** (Hesperiidae) Synonym(s): *stauderi* Reverdin,1913; *fulvissima* Verity,1925; *obscurata* Verity,1925; *romei* Rothschild,1933; *rungsi* Picard,1950 Taxonomical Reference: Carcharodus stauderi Reverdin,1913, Bull. Soc. lépid. Geneve 2(4): 225-230, Pl.21 figs.5,12. Syntypes: Algérie: Constantine (El Kantara, El Kroubs, Djebel Aures, Sebdu). Range (in code): MA Ifr Rf AF DZ Ktr Ges Sbd Dja Ah Ajj EG Sn GG Cc GR Rd IL Js IR JO LB Bei Pa RU Sn SY TR LY Cy 01 05 07 23 24 27 30 31 35 36 42 44 46 50 58 60 65 76 05A 23C 23Cc 23D 23Da 27C 27Cb 30A 30Aa 30Ab 30B 30Br 31L 31La 31M 46H 46Hc 58G 58Gi 58Gj 65F 65Fg 65K 65Kc 65Kd 65Kg 65L 76B 76Ba 76D 76Df Bionomy: Larva on Marrubium vulgare, Ballota hirsuta, Phlomis floccosa, P. aurea (Tolman,1997).

26. **Carcharodus (Reverdinus) orientalis Reverdin, 1913** (Hesperiidae) Synonym(s): *orientalis* Reverdin, 1913; *centralanatolica* Pfeiffer, 1927; *aestatis* Graves, 1928; *aestatis* Verity, 1928; *postorientalis* Verity, 1928; *maccabaeus* Hemming, 1932. Taxonomical Reference: *Carcharodus orientalis* Reverdin, 1913, Bull. Soc. lépid. Genève 2 (4): 232, Pl. 21 fig. 14; Pl. 22 figs. 1, 8. Syntypes: Greece: Peloponnes (MHNG). Range (in code): IL He Pa LB AL BG BY GR JO IQ IR Ab Qba Kh GlS MK RU TR Cc UA YU HV Mt 01 03 05 06 07 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 72 73 74 76 01D 01H 05A 06B 06G 06K 06N 06P 06R 06Rd 06V 06Z 13G 13Gs 13Gw 18F 21N 21Nb 25F 25Fa 25Fb 25Fc 27B 27C 27Cb 30D 30Dt 31E 31L 31La 31K 31Ka 35T 36D 36Dc 44E 46F 47B 47F 49E 49Ea 56F 58G 58Gi 63D 63E 65D 65Dc 65Do 65Dp 65F 65Fc 65Fg 65Fi 65Fz 65Gm 65K 65Kc 65Kö 65Ku 65Kw 65Kz 65Kg 66A 72E 72Eg 76C Bionomy: Larva on *Stachys* sp. (Tolman, 1997).
27. **Carcharodus (s.str.) alceae (Esper, [1780])** (Hesperiidae) Synonym(s): *alceae* Esper, [1780]; *malvae* Hufnagel, 1766 nec Linn., 1758; *malvarum* Hoffmannsegg, 1804; *magnaustalis* Verity, 1924; *corsicus* Picard, 1948. Taxonomical Reference: *Papilio alceae* Esper, [1780], Die Schmett. 1(2): 4, pl. 51, fig. 1. Type(s): Süddeutschland: Erlangen. Range (in code): AF AL AM Ao AT AZ Ba BE BG BY Ch Ci CN Co Cr CZ DE ES FR Gg GG GR Rd Gs Hd Hp HU IN IQ IR IT KG Kr Ku LB Ld LU MA Mre Haz Mus NL Pag PK PL PT RO RU Sa Si SK Sm Sml So Sr TM TN TR UA Ui Uk Up VI YE YU Mt Ko MK SS At Mn Sp Tk Aa Tm Sau Tar DsA Ax Tls Ng Hr Kab T-S Mu CH HV B-H DZ Bn CY IL Pa Hf Cc Arr Ab Ak Shf GlS Kh Nar 01 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80 01A 01H 01K 01F 04D 04Db 05A 06B 06G 06K 06R 06Rd 06V 06Z 13F 13G 13Go 13Gv 13Gw 21N 21Nb 23D 23Da 23I 23La 25F 25Fa 27C 27Cb 27E 30A 30Aa 30B 30Bd 30Bc 30Bh 30Bf 30Bg 30D 30Da 30Bj 30Bo 30Br 30Dt 31A 31Aa 31F 31K 31Ka 31O 36D 36Db 39C 48A 48Aa 48Ak 48D 48F 56F 63D 63E 65D 65Dc 65Dc 65Dd 65Dda 65Dl 65Do 65Dp 65Dr 65Drb 65Dt 65Dw 65Dn 65E 65Ea 65Eb 65Ed 65F 65Fb 65Fd 65Fg 65Fu 65Fq 65F3 65Fi 65Fz 65G 65Gn 65K 65Kb 65Kc 65Kl 65Kö 65Ks 65N 65Na 65Np 65Np4 65Nm 66A 72E 72Eb 73A 73Ad 73Ad2 73D 73Db 75E 76B 76Bb 76Bf 76Bh 76D 76Da 76Df 78D 78Da 79B 80B 80Bc 80C 80G Bionomy: Larva on *Arbutum* *teophrasti*, *Chrozophora hierosolymitana* (Stshetkin, 1960); *Malva alceae* (Kumakov & Korshunov, 1979); *Althaea officinalis* (Anikin et al., 1993).
28. **Erynnis (Hesperopegasus) marloyi (Boisduval, [1834])** (Hesperiidae) Synonym(s): *marloyi* Boisduval, [1834]; *sericea* Freyer, 1838; *rustan* Kollar, [1849]. Taxonomical Reference: *Thanaos marloyi* Boisduval, [1834], Icon. hist. Lépid. Europe 1: 241, pl. 47 figs. 6, 7. Type ♂: Greece (BMNH). Range (in code): AF AL BG GR IQ R wz Shq IR Ab Qba Kp Fa Shr Kh LB MK RU TM TR Cc 01 03 04 05 06 07 08 09 12 13 16 17 18 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 40 42 44 46 48 50 56 58 60 62 65 66 70 71 72 73 76 01H 01K 05A 06B 06K 06N 06R 06Rd 06V 06Z 13G 13Ga 13Gö 13Gg 13Gs 13Gw 13Gz 21N 21Nb 23D 23Dc 23I 23Ib 25F 25Fa 30B 30Bd 30Bc 30Bh 30Bk 30Bj 30Bg 30D 30Da 30Dt 31A 31Aa 31B 35L 36D 36Dc 56F 65D 65Dc 65Dl 65Do 65Dq 65Dp 65Dr 65Drb 65Dw 65F 65Fb 65Fd 65Fp 65Fz 65K 65Kd 65Kg 65L 65La 66A 72E 72Eg 73A 73Ad 73Ad2 Bionomy: Larva on *Pyrus spinosa* (Lafranchis, 2003).
29. **Erynnis (s.str.) tages (Linnaeus, 1758)** (Hesperiidae) Synonym(s): *tages* Linnaeus, 1758; *morio* Scopoli, 1763; *geryon* Rottentburg, 1775; *subclarus* Verity, 1921. Taxonomical Reference: *Papilio tages* Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 485. Type(s): Europa. Range (in code): At AL AT Ba BE BG BY CH Cr CZ DE DK EE ES An Mu Mu18 FR GB GR HU IE IQ IR Ab IT KG Kr LB LT LU LV MN NL NO PL PT RO RU Sb SE SK Sm So Sr TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken Mt Ko MK SS HV B-H Mn Sau Tar CN Sz Ui Cc 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 73 75 76 78 01H 01K 05A 06B 06C 06D 06G 06K 06N 06Nc 06P 06R 06Rd 06V 06Z 12A 12Aa 13F 13G 13Gw 14F 21N 21Nb 23D 23Dc 23E 23M 25F 25Fa 27C 27Cb 30A 30Aa 30B 30Bc 30Bd 30Bh 30Bf 30Bg 30Br 30C 30Ce 30D 30Dt 31A 31K 31Ka 31L 31La 36D 39C 44O 44Oc 46F 46Fc 46Fd 56F 63D 65D 65Dc 65Dk 65Dl 65Do 65Dob 65Dq 65Dü 65Dn 65Dv 65Dw 65Dt 66A 73A 73Ad 73Ad2 75E 75F 75Fd 78D 78Da Bionomy: Larva on *Lotus corniculatus*, *L. uliginosus*, *Hippocrepis comosa* (Tolman, 1997).
30. **Gegenes nostradamus (Fabricius, 1793)** (Hesperiidae) Synonym(s): *nostradamus* Fabricius, 1793; *proclea* Walker, 1870; *karsana* Moore, 1874; *nostradamus* Rothschild, 1913; *pumiliominima* Verity, 1931; *megalegyna* Verity, 1940. Taxonomical Reference: *Hesperia nostradamus* Fabricius, 1793, Ent. syst. 3(1): 328-329. Type(s): Barbaria. Range (in code): Ad AF AL As Ben BH BI Br Ci Cr Cu Dh DJ EG ET ER ES Mu Mu18 GR Rd Hj HV IN IT IQ Bgd Nsr JO KW LB IL Pa Hf MK Nwf OM Pj PK PT QA Rjp SA Sd Si SO SY TM TR Up UZ YE YE60 YU HV B-H Mt DZ MA Rbt Azr Agi Eba Sbd Bsk Gha Ajj Clo TN Cp Rw Nwf Ksl Ato SD 01 02 07 09 16 17 24 27 31 33 34 35 44 45 46 59 63 02E 02Ec 44O 44Oi 46L 56F 63B 63D 63E Bionomy: Larva on *Aeluropus*, *Panicum* (Poaceae) (Tolman, 1997).
31. **Gegenes pumilio (Hoffmannsegg, 1804)** (Hesperiidae) Synonym(s): *pumilio* Hoffmannsegg, 1804; *pygmaeus* Cyrilli, 1787 nec Fabr., 1775; *aetna* Boisduval, 1840; *lefebvreii* Rambur, 1842; *monochroa* Rebel, 1907. Taxonomical Reference: *Papilio pumilio* Hoffmannsegg, 1804, Mag. f. Insektenk. (Illiger) 3: 202. Lectotype selected by Hemming, 1964, Annot. lep. (3): 112 (Pl. 5 fig. 2 of Cyrilli's Ent. Neap. published in 1787). Range (in code): He IL AL BI Ci ES Mu FR GR Rd HV AF Hr BIM Ng Hyb IN



IT JO Kul MT Nwf Pj PK Si Sk TR Up Wa YE YU Mt DZ Agi Clo MA TN IQ IR CY 01 07 09 27 31 33 35 48  
01A 01D 01G 01F 09K 27C 27Cb 31A 31Aa 31F 48A 48Aa 48F 56F Bionomy: Larva on Ehrhartia erecta,  
Cynodon dactylon, Hyparrhenia hirta (Tolman,1997).

32. **Muschampia nomas (Lederer,1855)** (Hesperiidae) Synonym(s): *nomas Lederer,1855*  
Taxonomical Reference: Hesperia nomas Lederer,1855, Verh. zool.- bot. Ver. Wien 5: 193, Taf.1  
fig.7. Syntypes: [Lebanon]: Beirut, am Hundflusse (ZMHB). Range (in code): LB Bei SY TR IL He  
01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 70 72 73 05A 06B 06K 06R 06V  
13G 23D 23Dc 23E 23M 27C 27Cb 31A 31Aa 31K 31M 46H 46Hc 49E 49Ea 49F 49Fd 72E 72Eh 72Ei 72Ek

33. **Muschampia proto (Ochsenheimer,1808)** (Hesperiidae) Synonym(s): *proto*  
*Ochsenheimer,1808* Taxonomical Reference: Papilio proto Ochsenheimer,1808, Schmett. Eur. 1(2):  
210. Type(s): Portugal. Range (in code): IR Ab LB AL ES Mu Mu18 FR GR IT PT Si TR YU Mt MK DZ  
MA MR JO Zq Lbs Sbd Azr Tlm Blid Cré Dju Orn Clo Tue 01 07 27 31 33 48 70 79 01D 07A 07B 07Bc 27B  
33A 48A 48D 48L 70B 79B Bionomy: Larva on Phlomis crinita, P.bovei, P.fruticosa, P.lychnitis,  
P.herva-venti (Tolman,1997).

34. **Ochlodes venatus (Bremer & Grey,[1852])** (Hesperiidae) Synonym(s): *venatus Bremer*  
& Grey,[1852] Taxonomical Reference: Hesperia venata Bremer & Grey,1852, [in] Motschulsky, Etüd.  
Ent. 1: 161. Type(s): China. Range (in code): IR By Th Lo Ak Ab AL AT Ba BG BL BY CH CN CZ DE DK  
EE ES FI FR GB GR HU IT Kr LT LU LV Mc Na NL NO PL PT RO RU SE Si SK Sm So Sr Sz Ti TR Ts T-T UA  
Ui Vi Vv Yu Cw Dv Smt H-W Sur Ssx Ken Mt Ko B-H HV SS MK SY KK KG Or Uk Bs Tr Cb Kg Ty Kw Pw  
Om No At Mn T-S Am Amd Ao Kts Mu Sp Tk At Bn Aa Db Kuz Sli Sau Tar DsA Ket Tu TeA KuA TrA Tls Ax  
IQ LB Cc Sro 01 02 03 05 06 07 08 10 11 13 14 16 17 24 25 26 29 30 31 32 33 34 35 36 37 39 41 42 43 46 52  
53 56 58 60 61 62 65 66 69 72 73 74 75 78 81 05A 06G 06R 06Rd 13G 13Ga 14I 14Ib 30B 30Bc 30Bf 30Bg  
30D 30Da 31a 31Aa 36D 36Dc 39C 56F 65D 65Dd 65Dda 65Do 65Dü 65Dn 65Dw 65G 65Ge 65K 65Kd  
65Kg 65L 65La 66A 73C 73Cd 75E 75F 75Fd 78D 78Da Bionomy: Larva on Dactylis glomerata, Molinia  
caerulea, Brachypodium pinnatum, B. sylvaticum, Poa pratensis, Festuca arundinacea,  
Calamagrotis epigejos, Luzula pilosa, Holcus lanatus, Elymus repens, Juncus effusum, Agrostis  
capillaris, Phleum pratense, Bromus erectus (Tolman, 1997).

35. **Pelopidas thrax (Hübner,[1821])** (Hesperiidae) Synonym(s): *thrax Hübner,[1821]; midea*  
*Walker,1870* Taxonomical Reference: Gegendes thrax Hübner,[1821], Samml. exot. Schmett. 2:  
pl.[150]. Range (in code): SD ET SO DJ KE UG SZ ZA Nta Kzu Ptb Tva Lpo Gau Mal Spb Mdk Kru Pf Ec  
Wca Fs Mpu Kny OM Cu CY EG IL Pa IN IR Ab Ak Tbz IQ JO Kre Lhj MM Mpr PK SA Bhh Sd SI SY TR YE  
01 07 09 10 31 33 35 46 48 01A 01F 31A 31F 33A 33Aa 48F Bionomy: Larva on Panicum miliaceum  
(Poaceae) (Tolman,1997).

36. **Pyrgus melotis (Duponchel,[1834])** (Hesperiidae) Synonym(s): *melotis Duponchel,[1834];*  
*hypoleucos Lederer,1853; jordana Hemming,1932.* Taxonomical Reference: Hesperia melotis  
Duponchel,[1834], [in] Godart,J.B., Hist. nat. Lépid. Pap. Fr. 1: 251, Pl. 42 figs.1,2. Type(s):  
Libanon (cf. Hesselbarth,1995: 224). Range (in code): GR IL Pa JO LB SY TR Cc IR Ab Elb Th Kdj 01  
02 03 04 05 06 07 08 09 10 12 13 14 18 20 21 23 24 25 27 28 29 30 31 32 33 35 36 38 42 43 44 46 48 49 50  
51 52 53 56 58 60 61 65 66 69 70 71 73 76 80 05A 06B 06C 06G 06P 06R 06Rd 06S 06V 06Z 12A 12Ab 13D  
13Da 13F 13G 13Gö 13Gg 13Gv 13Gw 13Gs 13Gü 21N 21Nb 23I 23Ib 23M 25F 25Fa 27C 27Cb 30B 30D 31K  
31Ka 31M 36D 36Dc 44A 44Ab 46F 49E 49Ea 56F 56Fa 63D 65D 65Dc 65Dd 65Dda 65Dl 65Dn 65Dr  
65Drb 65E 65Ed 65F 65Fi 65Fc 65Fh 65Fe 65F3 65Fj 65Fz 65K 65Kd 65Kg 65Kl 65N 65Np 65Nm 66A 76B  
76Bf 76Bh 76D 76Da

37. **Pyrgus serratulae (Rambur,[1839])** (Hesperiidae) Synonym(s): *serratulae*  
*Rambur,[1839]; caecus Freyer,1846; occidentalis Lucas,1910 nec Skinn.,1906; planorum Verity,1925; magnagallica*  
*Verity,1931; plurisignata Silbernagel,1946; arvernensis Picard,1948.* Taxonomical Reference: Hesperia  
serratulae Rambur,[1839], Faune ent. Andalousie 2 (4): 318, Pl.8, figs.9,m. Type(s): Andalousie  
(BMNH). Range (in code): AL AT Bn At Ba BG B-H BL BY CH CZ DE DK EE ES Mu FR GR HU HV Ir IT  
KG Kp LB LT LU LV MK PL PT Py RO RU SK So Sr SS TM TR UA Uk Vi YU Mt Ko Cc GG AM IR Ab Kh IQ  
Sau Tar Mn CN Ui 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42  
46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76 05A 06B 06K 06P 06R 06S 06V 06Z 13G  
13Gv 23I 23Ib 25F 25Fa 25Fc 31M 31F 31Fb 36D 36Dc 38H 38Hc 46F 47F 49E 49Ea 49F 49Fd 58G 58Gi  
65A 65D 65Dc 65Dd 65Dda 65F 65Fb 65Fc 65Fi 65Fe 65Fm 65F3 65Fz 65K 65Kd 65Kg 65Kl 65Kö 65N  
65Nr4 65Nr6 65Nm 66A 75A 75Ac 75E 76C 76D 76Db Bionomy: Larva on Potentilla tabernaemontani,  
P. reptans, P. recta, P. pedata, P. nevadensis (Tolman,1997).

38. **Spialia (Neospialia) orbifer (Hübner,[1823])** (Hesperiidae) Synonym(s): *orbifer*  
*Hübner,[1823]; tesselloides Herrich-Schäffer,[1845].* Taxonomical Reference: Papilio orbifer  
Hübner,[1823], Samml. eur. Schmett. 1: pl.161 figs. 803-806. Syntypes: Europa. Range (in code):  
AF AL At Kts Ba BG BY CN GR HU HV JO IQ IR LB KG KK Kr MK RO RU Si SK Sm Sr SS TR AM UA Ui Vi  
YU Mt Ko Mn Sp Tk Aa Syr Tm Sau Mrk Tar Tra DsA Ax TeA Bl Ci Gg Kab Nwf Pag PK Sju Qu Urk Zi Shs  
Sng She Gor Mrw Man Nmg Br Smk Bsa Bei Aiz Zah Js Shq Dk Krd Km Amm Hal Dms Bld UA Cm Th T-S  
IL Pa Hf Rd Cc Ab Ak Msw 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28

29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65  
66 68 69 70 71 72 73 74 75 76 77 80 05A 06B 06C 06K 06G 06N 06Nc 06P 06R 06Rd 06S 06V 06Z 12A  
12Ab 13C 13Cd 13E 13Ea 13F 13G 13Gd 13Gv 21N 21Nb 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 25Fb  
27C 27Cb 30A 30B 30D 30Dt 31F 31K 31O 31L 31La 31A 31M 36D 36Dc 38H 38Hc 39C 44A 44Aa 44Ab  
44E 44Ej 44O 44Oc 45L 45La 46F 48A 48Ak 48Ah 48F 49E 49Ea 49F 49Fd 56F 56F1 58G 58Ga 58Gd  
58Gi 58Gj 62F 63D 63E 65D 65Dc 65Dc 65Dd 65Dda 65Dk 65Do 65Dq 65Du 65Dv 65G 65Gn 65Gm 65Gz  
65F 65Fb 65Fh 65Fg 65Fc 65Fe 65Fr 65Fp 65Fq 65F1 65Fj 65F3 65Fx 65Fz 65K 65Kc 65Kl 65Kö 65Kz  
65Kg 65N 65Np 65Np1 65Np3 65Np4 65Np7 65Nr2 65Nr4 65Nr6 65Nr7 65Nm 66A 72E 72Ec 72Ei 75E 76C  
Bionomy: Larva on Sanguisorba minor, Potentilla sp. (Lorkovic,1973; Anikin et al., 1993).

39. **Spialia (s.str.) osthelderi (Pfeiffer,1932)** (Hesperiidae) Synonym(s): *osthelderi Pfeiffer,1932* Taxonomical Reference: Hesperia (Powellia) osthelderi Pfeiffer,1932, Mitt. münch. ent. Ges. 22 (2): 50. Syntypes ♂♀: [Turkey]: türkisch Nordsyrien: Marasch, 1000m. Range (in code): AF IQ Su Dy TM TR Kp LB Bsa IR Ab Shr Ke Fa Kdj Se Msh Kh KK SY T-S Sus 13 21 23 27 30 31 46 63 13G 13Gw 23I 23Ia 27B 27C 27Cc 30B 30Bf 31M 63E

40. **Thymelicus hyrax (Lederer,1861)** (Hesperiidae) Synonym(s): *hyrax Lederer,1861; pfeifferi Bytinski-Salz & Brandt,1937*. Taxonomical Reference: Hesperia hyrax Lederer,1861, Wien. ent. Monatschr. 5: 149, pl.1, fig.6. Syntypes: [Türkei]: Antiochia [=Antakya]; Lectotype ♂: "Antiochia", designated by Nekrutenko,1995 [in] Hesselbarth, et al.: 154 (ZMHB). Range (in code): Chi GG Cc GR IL Pa Hf IR Elb LB Le Rd Sms TR 01 05 06 07 08 09 13 16 18 23 24 25 27 29 30 31 33 35 36 42 46 48 65 72 73 76 01A 01H 01K 05A 09K 13C 13Cf 23M 25F 25Fa 25Fb 27C 27Cb 30A 30Aa 30B 30Be 30Bc 30Bj 30Bh 31A 31M 36D 42V 48A 48Ak 48Am 48A 56F 65D 65Dp 72E 72Ed 72Eg 73C 73Ce 80E

41. **Thymelicus lineolus (Ochsenheimer,1808)** (Hesperiidae) Synonym(s): *lineolus Ochsenheimer,1808; virgula Hübner,1813 nec Retz.,1783; ludoviciae Mabille,1883; pallida Tutt,1896; clara Tutt,1905; hemmingi Romei,1927; melissus Zerny,1932; fornax Hemming,1934* Taxonomical Reference: Papilio lineola Ochsenheimer,1808, Schmett. Eur. 1(2):230-231. Type(s): Germania. Range (in code): At Kts AF AL Ao AT Ax Ba BG B-H BL BY CH CN Co CZ DE DK EE ES FI FR GB GR HU HV IL IR IT JO KG KK LB LT LU LV MA MK NL NO Pa PL PT RO RU SE Si SK Sm So Sr SS TM TR T-S UA Ui Uk VI YU Sur Ssx Ken Mt Ko DZ TN Or Bs Tt Cb Kg Ty Kt Rk Pw Ka Sp Mn No Tk Aa Mu Aq Bn Tm Kuz Sli Sau Tar DsA Ax Tls TrA T-S GG AZ Nv Ord Smt Bjo Cc IQ Mos US Cnt Col Dw Id Idp Iln Io Knt Mai Mch Mis Mns Mon Mrl Msc NCa Ndk Neb Nh Nje Ny Oh Pns RDi Tnn Vi Vr WVi We Wy Ab Sro Jal Kh Ifr Lbs Afr Ges Lkr Ouk Dju Hr BLM 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80 01H 01K 04D 04Db 05A 06B 06G 06K 06R 06V 06Z 13B 13Ba 13D 13Da 13E 13Ea 13G 21N 21Nb 23D 23Dc 23I 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 30A 30Aa 30B 30Bc 30Bd 30Bh 30Bf 30Bg 30Bj 30Bk 30D 30Da 30Df 30Dfa 31A 31Aa 36D 36Dc 44A 44Ab 46D 46Da 56A 56Ac 56B 56F 58R 58Rb 65D 65Dc 65Dl 65Db 65Dp 65Dq 65Dm 65Du 65E 65Eb 65F 65Fb 65Fg 65Fh 65Fe 65Fj 65F2 65Fz 65G 65Ge 65K 65Ké 65Kd 65Kö 65Kg 65N 65Np 65Np1 65Np7 65Np8 65Nm 66A 73A 73C 73Ağ 73Cd 73Ce 75E 75F 75Fd 76C 76D 76Da 76Df 80B 80Bc Bionomy: Larva on Phleum pratense, Holcus mollis, Calamagrostis epigejos, Dactylis glomerata, Agrostis capillaris, Brachypodium pinnatum, B. sylvaticum, Arrhenatherum elatius, Triticum aestivum, Alopecurus pratensis, Carex acutiformis, Lolium perenne, Phalaris arundinacea, Anthoxanthum odoratum, Elymus repens (Tolman, 1997).

42. **Thymelicus sylvestris (Poda,1761)** (Hesperiidae) Synonym(s): *sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905* Taxonomical Reference: Papilio sylvestris Poda,1761, Insecta Musei Graecensis: 79. Type(s): [Austria]: Graz. Range (in code): AL AT Ba BE BG BY CH CZ DE DK EE ES Mu FR GB GR HU IT JO Kr LB LT LU LV MK NL PL PT RO RU Si SK Sm So Sr TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken MA DZ IR Ab Kh Gls Cc GG AZ AM SY IQ Mnf Ur Or Bs 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06P 06R 06Rd 06V 06Z 13B 13Ba 13E 13Ea 13G 13Ga 13Gv 13Gw 21N 21Nb 23I 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 30A 30Aa 30B 30Ba 30Bc 30Bd 30Bh 30Be 30Bf 30Bj 30Br 30D 30Dt 31A 31Aa 31M 36D 36Dc 45L 45La 46F 48A 48Ak 48A 48D 56A 56Ac 56B 56Ba 56F 58C 58G 58Ga 58Gi 58Gj 63E 65D 65Dc 65Dk 65Dl 65Dla 65Dm 65Dp 65Du 65F 65Fb 65Fj 65Fq 65F2 65Fm 65Fe 65Fg 65G 65Ge 65K 65Kc 65Kd 65Kg 65Kl 65Kö 65Kü 65L 65La 65N 65Np 65Np7 65Np8 65Nm 66A 73A 73C 73Ağ 73Ac 73Cd 73Df 75E 75F 76C 76D 76Db 78D 78Da Bionomy: Larva on Brachypodium sylvaticum, Holcus lanatus, H. mollis, Phleum pratense (Tolman,1997).

## Libytheidae

43. **Libythea (s.str.) celtis (Laicharting,1782)** (Libytheidae) Synonym(s): *celtis Laicharting,1782* Taxonomical Reference: Papilio celtis Laicharting,1782, [in] Fuessly, Arch Insektengesch. (2) (4): 1, pl.8 figs.1-3. Type(s): S.Tirol: Bolzano. Range (in code): AL AT BG B-H Bw



BY CH Cr CY DZ Clo Blid TN ES Mu FR GR HU HV IQ IR Ab Elb GlS IT Kp MK PK Ci Nwf PT RO RU Sa Si SK SS TM TR Cc UA YU TrA Ax Tls KG CN TW JP KP KR T-S 01 03 05 06 07 08 09 10 11 13 14 16 17 20 21 23 25 26 27 29 30 31 32 33 34 35 37 38 41 42 43 46 48 52 56 58 60 62 65 66 71 73 76 05A 06A 06K 06R 13C 13Cd 13F 33 13F35 21N 21Nb 23D 23Dc 25F 25Fa 27C 27Cb 30B 30Br 31M 46G 46Gi 56D 56F 56Fb 60C 62G 62Ga 65D 65Dc 65Di 65Dlc 65Di 65Dk 65Do 65G 65Ge 65Fz 65N 65Np7 65Nm 66A 66P 66Pa 73A 73Ad 73Ad2 73D 73Df Bionomy: Larva on *Celtis australis*, *C. caucasica*, *C. glabrata*, *Ulmus* (?) minor, *U. glabra* (Ulmaceae) (Tolman, 1997; Kemal & Koçak).

## Lycaenidae

44. **Callophrys rubi (Linnaeus,1758)** (Lycaenidae) Synonym(s): *rubi* Linnaeus,1758; *caecus* Fourcroy,1785; *virgatus* Verity,1913; *herculeana* Pfeiffer,1927 Taxonomical Reference: *Papilio rubi* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 483. Type(s): [Sweden (Verity,1943)]. Range (in code): Ae AL AM At Bn AT AZ Ba BE BG BY CH CN Co CZ DE DK EE ES Mu Mu18 FI FR GB GG GR HU IE IQ IR IT KG Kp LB LT LU LV MK NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr TM TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken MA DZ TN TrA Sau Tar DsA PK Ci Nwf Bl T-S Cc Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm Arr Dju Ifr Clo Orn 01 03 04 05 06 07 10 12 13 14 16 17 18 22 24 26 28 29 30 31 33 34 35 36 37 38 39 40 44 45 46 48 50 51 52 55 56 58 60 62 66 70 71 73 80 01K 03E 04I 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 13A 13B 13Ba 13C 13Cf 13G 29F 30D 30Dt 31K 31Ka 31L 31La 36D 36Da 44A 44Ab 47B 60H 62E 66A 75F 75Fa 75Fd 76B 76Bj 76D 76Dd 80B 80Bc Bionomy: Larva on *Cytisus scoparius*, *C. nigricans*, *C. villosus*, *Genista tinctoria*, *G. angelica*, *G. pilosa*, *G. germanica*, *G. (?) corsica*, *Chamaespartium sagittale*, *Chamaecytisus hirsutus*, *C. iliatus*, *C. eriocarpus*; *Ulex europaeus*, *U. minor*, *Anthyllis vulneraria*, *Dorycnium hirsutum*, *D. suffruticosum*, *Onobrychis viciifolia*, *Helianthemum nummularium*; ayrıca *Arbutus*, *Vaccinium*, *Rhamnus*, *Frangula*, *Cornus* ve *Rubus*'un çiçek ve meyvaları (Tolman, 1997); *Calophaca soongorica* (Zhdanko, 1997); *Colutea cilicica* (Fabaceae) *Rhamnus depressus* ex Gaziler (İğdir) (Rhamnaceae) (Kemal,in litt.).

45. **Celastrina argiolus (Linnaeus,1758)** (Lycaenidae) Synonym(s): *argiolus* Linnaeus,1758; *cleobis* Sulzer,1776; *thersanon* Bergsträßer,1779; *argyphontes* Bergsträßer,1779; *argalus* Bergsträßer,1779; *marginatus* Retzius,1783; *acis* Fabricius,1787 nec Dru.,[1773]; *#parvipuncta* Fuchs,1880; *calidogenita* Verity,1919; *britannica* Verity,1919. Taxonomical Reference: *Papilio argiolus* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 483. Type ♀: Europa (Linnean coll. London) [gen.vern.]. Range (in code): He IL Ae AL AM Ao At AT AZ Ba BE BG BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GG GR HU IE IQ IR IT KG KK Ku LT LU LV MA MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr TM TN TR UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken SY Kuz Sli DsA TrA KuA Ax Sau Ta JP MN KP KR TW Yu PH Luz Vv Sh Buc Mrk US CA MX PA LB Sj AF Als Ssk Mnt Mon Wc Nfl Ti Btn Ats BCo Cf Ut Ne NMx PA GT Us Mc Bry Ok SCa Tx Ge Lou Kan Aks Mss Alb Bn T-S Ab Ak Elb Th Ha Fa Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm MX Arz Cf Cnt Col Dw Fl Id Idp IlN Knt Mai Mch Mis Mns Mon Mrl Msc NCa NDk NMx Ne Neb Nh Nje Ny Oh Org Pns RDi SDk Tnn Ut Vi Vr WVi Wc Ws Wy Nsr TH CMA CDo MM NP IN Cle SI Slo Ass VN Ann Ce Arr Shf Agi 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 65 66 67 69 72 73 75 76 78 81 01D 01G 01H 01K 05A 06C 06G 06K 06R 06Rd 06Z 07A 07B 12A 12Ab 13B 13Ba 13E 13Ea 13F 13F35 13G 13Ga 13Gö 13Gg 13Gv 13Gw 13Gs 21N 21Nb 23D 23I 23Ia 23Ib 23M 25F 25Fa 27C 30B 30D 30Dh 30Dt 31A 31Aa 31L 31La 31F 31M 39C 44F 44Fa 45L 45La 48A 48Ak 53L 56F 62E 65D 65Dc 65Dh 65Dk 65Do 65Dt 65Dx 65F 65Fe 65Ff 65Fg 65Fi 65Fq 65Ft 65Fu 65Fy 65Fz 65G 65Gp 65K 65Kg 65N 65Np 65Nm 66A 72E 72Ec 73A 73Ad 73Ad2 73C 73Cd 76B 76Ba 76C 78D 78Da 80B 80Bc 80Bd 80C Bionomy: Larva on *Malus sieversii*, *Cuscuta engelmannii* (Zhdanko, 1997); *Rubus fruticosus*, *R. idaeus*, *R. discolor*, *Filipendula ulmaria*, *Discolores*, *Pyracantha coccinea*, *Ulex europaeus*, *Genista tinctoria*, *Spartium junceum*, *Dorycnium pentaphyllum*, *Medicago sativa*, *Astragalus glycyphyllos*, *Melilotus alba*, *M. officinalis*, *Galega officinalis*, *Colutea arborescens*, *Robinia pseudacacia*, *Euonymus europaeus*, *Clematis vitalba*, *Rhamnus cartharticus*, *Frangula alnus*, *Humulus lupulus*, *Calluna vulgaris*, *Erica*, etc. (Tolman,1997).

46. **Chilades (Freyeria) trochylus (Freyer,[1843])** (Lycaenidae) Synonym(s): *trochylus* Freyer,[1843]; *#trochilus* Herrich-Schäffer,[1845]; *parva* Murray,1874; *persa* Bytinski-Salz & Brandt,1937; *#supraradiata* Wagner,1931 Taxonomical Reference: *Lycaena trochylus* Freyer,[1843], Neuere Beitr. Schmett. 5(74): 98-99, Taf.440 fig.1. Syntypes: europäische Türkei. Range (in code): Ad AE AF AO As BF BH BI BJ BW CF CG Chi CI CM Cr Dh DJ DZ EG EH ER ET GA GH GM GN Bio GR GW Hd Hj IL IN IQ IR JO KE KW LB LR LS LY MA ML MM MR Mu MW MZ NA NE Nf NG Nj OM PK QA Rd RW SA SD SL Sms SN SO ST SY SZ TD TG TN TR ZA Gau Ptc Lpo Tva Spb Mdk Ent TM TZ UG YE ZM ZR ZW AU MY PG PH Luz VN Pa Hf He Ci Ato Kba Ab Elb Th Kp Fa Ss Kru Pma Cc CY LK Ng Jla Bl 01 02 03 05 06 07 08 13 16 18 20 21 23 24 25 27 30 31 32 33 34 35 38 40 42 44 46 48 50 51 56 58 60 62 63 65 68 70 71 72 73 76 79

80 01D 01G 01F 05A 06K 06N 06P 06V 18F 21N 21Nb 23Cc 23I 23Ia 25F 25Fa 27B 27C 27Cb 27D 27E 30A 30B 30Br 31F 31L 31La 31O 31K 31Ka 32D 32H 33E 33H 33K 33Kb 33P 38C 38Ca 40D 44E 44L 44Lc 44O 44Oc 46G 46Gf 46K 56F 58G 58Ga 62D 62E 62F 62H 63B 63D 63E 63G 63M 65F 65Fb 65Fp 65Fz 65G 65Gn 72E 72Eb 73A 73Ab 73C 73Cd 76C 79B 80B 80Bc 80C 80E Bionomy: Larva on *Heliotropium hirsutissimum* (Boraginaceae); *Andrachne telephioides* (Tolman, 1997).

47. **Chilades (Lachides) galba (Lederer, 1855)** (Lycaenidae) Synonym(s): *galba Lederer, 1855* Taxonomical Reference: *Lycaena galba Lederer, 1855*, Verh. zool.-bot. Ver. Wien 5: 190, pl.1 fig.4. Syntypes: [Libanon]: Beirut. Range (in code): AF Hr BIM BH CY IL IQ Agh Bag Su Cc AZ IR Ab Fa Km Lo JO KW LB Bei Nf Nj QA SA SA78 SY TR AE PK Wa Bl Pm TJ 01 02 13 21 31 33 56 63 80 01A 01F 13C 13Cd 31F 33P 56F 56Fa 63D Bionomy: Larva on *Acacia campbelli*, *A.leucophloea*, *Prosopis stephaniana*, *Prosopis farcta* (Fabaceae) (Peile, 1922 et seq.).

48. **Cigaritis acamas (Klug, 1834)** (Lycaenidae) Synonym(s): *acamas Klug, 1834*; *obscurata Staudinger, 1901*; *#döldüli Pfeiffer, 1932*; *dueldueli Pfeiffer, 1932* Taxonomical Reference: *Lycaena acamas Klug, 1834*, [in] Ehrenberg, Symb. Phys. Ins. 4: pl.40 figs. 7-9. Lectotype ♀: Syria, designated by Olivier & Nekrutenko, 2000. Range (in code): DZ Idl Ah Tmn NE LY Ad AF Hr Kab Ng As BH CY Dh EG Hd IL Pa Hf JO KW LB OM PK QA SA SD SO SY TR AE Ci Nwf Cp Sd Krc Bl Chm IR Elb Fa Ke TM Kp 01 12 13 21 23 24 27 30 31 33 46 47 56 62 63 65 73 80 01K 12A 13G 13Gu 21N 21Nb 24E 24Ea 27C 27Cb 30D 30Dx 31A 31F 31L 31La 31M 46G 46Gf 56F 63D 65D 65Dl 65Dlc 65Di 73C 73Cd 80B 80Bb

49. **Cigaritis cilissa Lederer, 1861** (Lycaenidae) Synonym(s): *cilissa Lederer, 1861*; *minima Staudinger, 1901* Taxonomical Reference: *Cigaritis cilissa Lederer, 1861*, Wien. ent. Monatschr. 5: 147, pl.1 fig.1. Syntypes: [Türkei]: Mersin, Antiochia [=Antakya]. Range (in code): IQ Ry TR LB IL Pa IR 01 02 12 23 24 27 30 31 33 44 46 48 62 63 01K 12A 12Aa 23I 24E 24Ea 30D 30Dt 31A 48A 48Ah 63E

50. **Cupido (s.str.) osiris (Meigen, [1829])** (Lycaenidae) Synonym(s): *osiris Meigen, [1829]*; *saportae Dupnchel, 1832*; *violacea Verity, 1911*; *sebrus Boisduval, [1833]* Taxonomical Reference: *Polyommatus osiris Meigen, [1829]*, Syst. Besch. eur. Schmett. 2:7, pl.46, figs. 3a,b. Range (in code): Lim Ae AL At AT Ba BG BY CH DE ES Mu FR GR HU IT KK MK PT RO RU SK Sr TR Arr Cc GG Smt Akh T-S UA YU KG Sau Tar DsA Ket Tls IR Ab Ak Msw CN Ui 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 21 23 24 25 26 28 29 30 31 32 33 35 36 37 38 39 41 42 44 46 48 50 51 52 53 56 58 59 60 61 62 65 66 67 68 69 70 71 73 75 76 78 81 01H 01K 01L 01La 04I 05A 06A 06C 06G 06B 06K 06N 06P 06R 06Rd 06S 06Z 07A 13B 13Ba 13D 13Da 13G 13Ga 13Gv 13Gw 21N 21Nb 23D 25F 25Fa 25Fc 30B 30Bb 30Bk 30D 30Dh 30Dt 31C 31Cb 36D 36De 36Df 38G 38Ga 38H 38Hc 44E 46F 46Fc 46Fd 46H 46Hc 56D 56Dh 56Dg 62E 65D 65De 65Dc 65Dq 65Dn 65Do 65Dt 65F 65Fb 65Fc 65Fç 65Fd 65Fe 65Fi 65Fj 65F3 65Fw 65Fz 65K 65Kç 65Kg 65Kl 65Kü 65Kz 65N 65Np 65Nm 66A 73C 73Cd 75E 76C 78D 78Da Bionomy: Larva on *Onobrychis viciifolia*, *O. montana*, *O. arenaria* (Fabaceae) (Tolman, 1997).

51. **Glaucopsyche (s.str.) alexis (Poda, 1761)** (Lycaenidae) Synonym(s): *alexis Poda, 1761*; *damaetas [Denis & Schiffermüller, 1775]*; *#sublugens Strand, 1909*; *#insulicola Turati & Fiori, 1930*; *mironi Coutsis, 1976* Taxonomical Reference: *Papilio alexis Poda, 1761*, Insecta Musei Graecensis...:77. Type(s): [Austria]: Steiermark. Range (in code): AF AL AM AT At Bn Cc AZ Ba BE BG BY CH Co CZ DE DK DZ Afl Lbs BtNa EE ES Mu Mu18 FI FR GG GR Rd HU Ii IT KG Ku LT LU LV MK NO PL PT RO RU SE Si SK Sm So Sr TM TN TR Arr LB IQ UA Uk V1 YU He IL Pa Hf IR Ab Jal Th 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 56 58 60 61 62 65 66 68 69 70 71 73 74 76 80 01A 01H 01K 04D 04Db 04I 05A 06A 06B 06C 06K 06N 06P 06R 06Rd 06S 06V 06Z 13D 13Da 13E 13Ea 13F 13G 13Gb 13Gö 13Gg 13Gv 21N 21Nb 23I 25F 25Fa 25Fc 27C 27Cb 27F 29A 30B 30Ba 30Bg 30Db 30De 30Dt 31A 31Aa 31B 31F 31K 31Ka 31L 31La 36D 36Da 36Dd 38H 38Hc 44I 44La 46F 46Fc 46Fd 47B 47E 56D 56Db 56F 65D 65Dc 65Dd 65Df 65Dj 65Dk 65Dl 65Dq 65Dn 65Dm 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65F 65Fb 65Fd 65Fç 65Fp 65Fe 65Fg 65Fh 65Fq 65Fz 65F3 65K 65Kd 65Kg 65Kl 65N 65Na 65Np 65Np2 65Nr2 65Nr4 65Nm 66A 69B 73A 73Af 73C 73Cd 73D 73Df 73Dfc 75Dd 76B 76Bb 76Bf 76Bh 76D 76Dd 76Dg 80B 80Bc 80C 80D 80E Bionomy: Larva on *Onobrychis radiata*, *Astragalus onobrychis*, *A.glycyphyllos*, *Galega officinalis*, *Vicia*, *Coronilla varia*, *Calycotome villosa*, *Spartium junceum*, *Medicago*, *Melilotus alba*, *Cytisus*, *Colutea arborascens* (Fabaceae) (Weidenhoffer & Vanek, 1977; Tolman, 1997)

52. **Lampides boeticus (Linnaeus, 1767)** (Lycaenidae) Synonym(s): *boeticus Linnaeus, 1767*; *damoetes Fabricius, 1775*; *coluteae Fuessly, 1775*; *pisorum Fourcroy, 1785*; *boedicus Borkhausen, 1788*; *#baeticus Latreille, 1809*; *armeniensis Gerhard, 1886*; *bagus Distant, 1886* Taxonomical Reference: *Papilio boeticus Linnaeus, 1767*, Syst. Nat. (Edn.12) 1(2): 789. Type(s): Barbaria [Algeria]. Range (in code): Ae AF AL AM AZ Az Ba BE BG BH B-H BY CH CN Co Cr CY DE DK DZ EG ES FR GG GR HU IL IN IQ IR IT JO Kab Kbb KG KK KW LB Ld LY MA MK MN MT NL OM Pag PK Cp PT QA Rd RO RU SA Sa Si SK Sm So Sr SW SY TJ TM TN TR UA AE UZ YE YU Cw Dv Smt H-W Sur Ssx Ken Cy Ao Mu18 Ci He Ket DsA Tls TrA Cp T-S Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm PG Vu Dmp PH Ala Bab Bal Bat Bas Bil Boh Bon Bur Bus CagSul Cal Cam CmL CmM Cat Ceb Cts Cuy Din Dum Gui Hom Jol Ley Lub Luz Mar Mas Mdo Mno Neg Pal Pan Pao Pol Rom Sam Sar Sga Sia Sib Siq Sis Stu Tab MW Zom



ZA Tva Lpo Spb Lj Mdk Kru Pma Pf Nta Kzu Ptb Fre Gau Pre Jh Brn Mpu US Pa Hf TH CMa Cu07 Cu12 Lmp Sgk Hya PSu Nst Chw Ths Sya Bnk Kci MY Lkw IN Ass MM VN Hw SD SD91 SD119 Bgd Cc SO Zai Ad DZ Ah Agi Anna Orn Sbd Ges Ng Jla Lgh Kab Hr BLM 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76 05A 06B 06C 06D 06F 06K 06Kb 06P 06R 06Rl 07B 07C 13A 13Ab 13F 13G 13Ga 13Gb 13Gv 13Gw 21N 21Nb 23C 23Cc 23I 23Ib 23M 27C 27Cb 30B 30Bb 30Bk 30Bf 30D 30Dt 31F 31B 31A 31L 31La 31K 31Ka 32C 32D 33B 33E 33H 40D 44E 46G 46Gf 46L 48A 48Ak 48L 49E 49Ea 56B 56F 58G 58Gi 58Gj 62E 62F 63D 65D 65Dc 65Di 65Do 65Dn 65E 65F 65Fc 65Fe 65Fm 65Fg 65Fh 65Fj 65Fp 65Fz 65K 65Kg 65Ks 65N 65Nc 65Np 65Nm 72E 72Ec 73C 73Ce 73D 73Df 76B 76Ba 76C Bionomy: Larva on Alhagi, Colutea persica, C. paulsenii, C. cilicica; Cassia didymobothrya, Pisum sativum, Chamaecytisus palmensis, Helianthemum helianthemoides, Phaseolus vulgaris, Cercis siliquastrum, Robinia pseudacacia (Fabaceae) (Zhdanko,1997; Tolman,1997).

53. **Leptotes pirithous (Linnaeus,1767)** (Lycaenidae) Synonym(s): *pirithous* Linnaeus,1767; *telicanus* Lang,1789 *tetrica* Sagarra,1925. Taxonomical Reference: Papilio pirithous Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 790. Type(s): Barbaria [Algeria]. Range (in code): Ad Ae AL As AT BG BY CH Cm Co Cr CY DE Dh DZ EG ES Mu18 FR GR HU IL IT LB LY MA MK MT PT Rd RU SA Sa Si TN TR UA YE YU JO Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vel Zg Zm ZA Tva Lpo Spb Gau Pre Mpu Brb MZ Pa Hf SD SD91 SD119 TZ Tnga Usa Ani Agi 01 05 06 07 09 11 14 16 17 26 27 30 31 33 34 35 39 42 44 45 46 48 65 70 71 73 81 01F 05A 07B 27C 27Cb 31E 31F 33A 33Aa 39C 46G 46Gf 48F 48L 65D 65Di 73A 80E Bionomy: Larva on Lythrum salicaria (Lythraceae); Calluna vulgaris (Ericaceae); Sambucus ebulus, Jasminum, Quercus suber (Fagaceae); Galega officinalis (Fabaceae) (Tolman,1997).

54. **Lycaena (Alciphronia) alciphron (Rottemburg,1775)** (Lycaenidae) Synonym(s): *alciphron* Rottemburg,1775; *lampetie* [Denis & Schiffermüller],1775; *hiere* Fabricius,1787. Taxonomical Reference: Papilio alciphron Rottemburg,1775, Naturforscher 6: 11.Type(s): Deutschland: Berlin. Range (in code): AL Cc AM Bn At Kts AT AZ Ba BG Bry BY CH CN Ui MN CZ DE DK EE ES Mu FR GG GR HU IQ IR Ab Ak Elb IT KG LT LV PL PT RO RU Si SK Sm So Sr TR T-S UA Uk VI YU KK Or Cb Ty Om Sp Tk Aa Rk Aq Tar Sau DsA Ket KuA TrA Nrk 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 56 58 60 61 62 65 66 69 71 72 73 74 76 80 03C 04D 04Db 05A 06B 06G 06K 06P 06R 06Rd 06V 12A 12Aa 12B 13A 13Ac 13Ad 13C 13Cf 13E 13Ea 13F 13G 13Ga 13Gv 13Gw 16R 23D 23Dc 23I 23Ia 23Ib 23M 24B 24Bb 24G 24H 25F 25Fa 25Fb 25Fc 29A 29Ae 29F 30B 30Br 30D 30Du 31M 33H 36B 36D 36Dd 36Df 36E 36H 38G 38Ga 46F 46H 46Hc 49E 49Ea 49F 49Fd 56F 58C 58G 58Ga 62E 62F 65D 65Dc 65Dd 65Dda 65Dk 65Dm 65Do 65Doa 65Dp 65E 65Eb 65F 65Fe 65Fh 65Fc 65Fj 65Fp 65Fz 65G 65Gm 65K 65Kb 65Kc 65Kö 65Kü 65Kg 65Kl 65Km 66A 69B 69Ba 72E 72Ec 72Ei 73C 73Cd 75A 75Ab 75Ac 75D 75E 75F 75Fa 76A 76Ab 76C 80B 80Bc Bionomy: Larva on Rumex acetosa, R. scutatus (Kumakov & Korshunov, 1979; Tolman, 1997; Zhdanko, 1997).

55. **Lycaena (Heodes) ottomanus (Lefèbvre,[1830])** (Lycaenidae) Synonym(s): *ottomanus* Lefèbvre,[1830]; *legeri* Freyer,1830. Taxonomical Reference: Polyommatus ottomanus Lefèbvre,[1830], Magas. Zool. 1(1): text, Taf.19. Syntypes: [Turquie]: "route de Smirne a Cosntantinople, puis entre Moalitch et Dérékeuil, pres la mer de Marmara". Range (in code): AL BG GR Mt TR MK 01 07 10 16 17 31 33 34 39 48 07B 07Bc 07F 07M 07Mb 17B 17Bb 31A 33A Bionomy: Larva on Rumex acetosella, R. hydrolapathum, R. acetosa, Polygonum aviculare (Polygonaceae) (Tolman,1997).

56. **Lycaena (Loweia) tityrus (Poda,1761)** (Lycaenidae) Synonym(s): *tityrus* Poda,1761; *acirion* [Brünnich],1763; *orientalis* Staudinger,1881; *argentifex* Balint,1990. Taxonomical Reference: Papilio tityrus Poda,1761, Insecta Musei Graecensis: 77. Type(s): [Austria]: Graz. Range (in code): AF Ca AL Cc AM Bn At AT AZ Ba BE BG BY CH CZ DE DK EE ES FR GG GR HU IQ IR Ab Ak Msw Elb Th Ha IT LB LT LU LV MK NL PL PT RO RU SK Sm So Sr TR UA YU KG Tt Uk Aq Rk Ka Pw Om Sp Tk DsA Tar Lps CN Ui 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 04D 04Db 05A 06A 06B 06D 06G 06H 06K 06P 06R 06Rd 06S 06V 06Z 12A 12Aa 13A 13Ab 13F 13G 13Ga 13Gv 13Gs 13Gw 14I 14Ib 21K 23I 23Ia 23Ib 23M 25F 25Fa 25Fb 25Fc 27C 27Cb 30D 30Dh 30Dt 34K 36D 36F 39C 44F 44Fb 46F 46Fc 46G 46Gf 49E 49Ea 49F 49Fd 56F 58G 58Gj 58R 65D 65Dc 65Dc 65Dk 65Di 65Dr 65Drb 65Dt 65E 65Eb 65Ec 65F 65Fh 65Fg 65Fe 65Fj 65Fu 65Fr 65Fq 65Fz 65G 65Gp 65Go 66A 73C 73Cd 78D 78Da 80A 80B 80Bc Bionomy: Larva on Rumex acetosa, R. scutatus (Polygonaceae) (Tolman,1997).

57. **Lycaena (Thersamonia) thersamon (Esper,[1784])** (Lycaenidae) Synonym(s): *hyllus* Cramer,[1775]; *thersamon* Esper,[1784]; *omphale* Klug,1834; *persica* Bienert,1870; *#militaris* Graves,1925. Taxonomical Reference: Papilio thersamon Esper,[1784], Die Schmett. 1 (Bd.2) Forts. Tagschmett.: 176, pl.89, fig.6 Type(s): [Russia]: Sarepta. Range (in code): At Bn Ao He Kos AF AL AT Ba BG BY CN Ui CY CZ GR EG Sn HU Ii IL Pa Hf IR Kh IT JO KG KK MK PL Rd RO RU SK Sm Sr Tk TR T-S UA Uk VI YU SY Buc Nym SAT Sau Tar Mrk DsA TrA Aa Tk Rk Aq Syr Tm Cc 01 02 03 04 05 06 07 08 10 11 12 15

16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 38 39 40 41 42 43 44 46 48 49 50 51 52 53 55 57 58  
59 60 62 66 68 69 70 71 74 76 77 79 80 01F 02F 02Fc 05A 06A 06B 06E 06H 06K 06P 06R 06Rd 06V 06Z  
12A 12Ab 12B 23D 23Dc 23I 23Ia 23E 25F 25Fa 27C 27Cb 31A 31Aa 31L 31La 39C 44F 44Fa 44Fb 46F 46E  
46Eb 46G 48A 48Aa 48Al 48Aç 48Af 49E 49Ea 58C 58G 58Gd 58Gi 62D 62G 62H 62F 66A 70C 70Ca  
70Cb 76C 76D 76Da 76Dd 79B Bionomy: Larva on Polygonum aviculare (Falkovitsh, 1969; Tolman, 1997); Sarothamnus scoparius (Kumakov, 1977); Polygonum bistorta, Atraphaxis laetevirens, Artemisia dracunculus ? (Zhdanko, 1997).

58. **Lycaena (s.str.) phlaeas (Linnaeus,1761)** (Lycaenidae) Synonym(s): *phlaeas* Linnaeus,1761; *virgaureae* Fourcroy,1785 *nec* Linn.,1758; *eleus* Fabricius,1798; *aestivus* Zeller,1850; *schmidtii* Gerhard,1853 Taxonomical Reference: Papilio phlaeas Linnaeus,1761, Fauna Suecica (2): 285. Type(s): Sweden, Westermannia. Range (in code): Ad Ae AF AL AM Ao As At AT Aty AZ Ba BE BG BY CH Cm CN Co Cr CY CZ DE DK EE ES FI FR GB GG GR HU IE IL IN IQ IR IT JO KG Kgs KK Kmt Ku LB Ld LT LU LV MK MN MT NL NO PK PL PT Rd RO RU SA Sa SE Si SK Sm So Sr SY Ti TJ Tk TM TR UA Ui Uk VI YE YU Cw Dv Smt Mu18 Bn Cy LY H-W Sur Ssx Ken MA DZ TN Pm Bik Ci Bl Ca Cp Sau Tar DsA Ax TrA KuA TeA Ket T-S Pes Mre Mus Krl JP US Cf UG ZR ET Md Mon Abt CA Msc Ab Ak B-A Bk Brz Bu By Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Prj Us Pa Hf Sml Arr Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm US Aks Cf Cnt Col Dw Ge Id Idp Iln Io Kan Knt Mai Mch Mis Mns Mon Mrl Msc Nca Ndk NMx Neb Nh Nje Ny Oh Ok Org Pns RDi SDk Tnn Ut Vi Vr WVi We Wy Um Adu Bgd Cc Msw Qba Bhh Gha Azr Rbt Ges Ng Jla Hr BlM 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 80 81 04D 04Db 05A 06B 06D 06G 06K 06P 06R 06Rd 06V 06Z 13A 13Ab 13Ac 13F 13F33 13G 13Ga 13Gö 13Gğ 13Gv 13Gm 13Go 13Gs 13Gü 13Gy 13Gw 21N 21Nb 23C 23Cc 23D 23Dc 23I 23Ia 23Ib 23E 23M 25F 25Fa 27C 27Cb 30B 30Bk 30D 30Dt 31A 31Aa 31C 31Cb 31F 31K 31Ka 31L 31La 31M 33A 35T 35Td 36D 36Db 38C 38Hc 39C 44F 44Fb 44L 44Lc 45L 45La 46F 48A 48Aa 48Ak 48D 48F 48L 49E 49Ea 56F 58G 58Ga 58Gj 58Gi 60H 62F 63D 65D 65Dc 65Dk 65Dm 65Do 65Dr 65Drb 65Dt 65Dw 65E 65Eb 65Ec 65F 65Fç 65Fd 65Fe 65Fg 65Fn 65Fl 65Fj 65Fi 65Fq 65Fp 65F3 65Fu 65Ft 65Fx 65Fz 65G 65Ga 65Ge 65Gp 65Gn 65K 65Kl 65Km 65Kö 65Ks 65Kü 65Kw 65Ky 65Ky1 65N 65Nc 65Nr2 65Nm 66A 73C 73Cd 73D 73Da 73Db 73Df 75F 75Fa 76A 76Ac 76Ad 76B 76Be 76Bf 76Bh 76Bj 76C 76D 76Db 78D 78Da 80B 80Bc Bionomy: Larva on Rumex acetosella, R. acetosa, R. hydrolapathum, R. scutatus, R. thyrsoides, R. papilio, R. vesicarius, R. tingitanus, R. maderensis, Polygonum aviculare (Polygonaceae) (Tolman, 1997; Zhdanko, 1997).

59. **Plebejus (Kretania) carmon (Gerhard,[1851])** (Lycaenidae) Synonym(s): *carmon* Gerhard,[1851, November]; *eurypilus* Freyer,[1851,December]. Taxonomical Reference: Lycaena carmon Gerhard,[1851], Versuch Monogr. eur. Schmett. (7):15,nr.58, pl.25 figs.1a-c. Syntypes: Türkei [=Amasya]. Range (in code): AM AZ Cc Arr GG Smt Akh GR Sms IL Pa IR LB RU Kr SY TR 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76 79 01H 01K 04D 04Db 05A 06B 06C 06D 06K 06R 06Rd 06V 06Z 07A 07Al 13A 13Ac 13Ad 13B 13Ba 13C 13Cd 13Cf 13G 13Gv 13Gw 21N 21Nb 23Cc 23I 23Ia 23Ib 24E 24Ea 25F 25Fa 25Fb 25Fc 27B 27C 30A 30B 30Bb 30Bk 30Br 30C 30D 30Dt 35S 35Sb 38C 38Ca 42D 42Dc 42H 42X 42Xa 44E 44L 44Lb 44Lc 44Od 46G 46Gf 49F 56B 56F 58C 58G 58Gd 58Gi 63D 63H 63M 65D 65Dç 65Dd 65Dda 65Di 65Do 65E 65Eb 65F 65Fç 65Fg 65Fi 65Fh 65Fe 65Fm 65Fj 65Fü 65Fp 65Fz 65G 65Gl 65Gp 65Gm 65Gu 65Gz 65K 65Kg 65Kb 65Kc 65Kl 65Kö 65Kü 65N 65Nb 65Np2 65Np5 65Np7 65Nr3 65Nr6 65Nm 66A 72E 72Eb 72Ec 72Eh 72Ei 72Ek 73A 73C 73Cd 76C 76D 76Da 76Dc 79B 79Ba Bionomy: Larva on Astragalus (Astracantha) rumelica, A. gummifera (Fabaceae) (Tolman,1997).

60. **Plebejus (Plebejides) nichollae (Elwes,1901)** (Lycaenidae) Synonym(s): *nichollae* Elwes,1901 Taxonomical Reference: Lycaena zephyrus var. nicholli Elwes,1901, [in] Nicholl,M., Trans. ent. Soc. Lond. 1901 (1): 95-96. Syntypes: Lebanon: Anti-Lebanon, 3000-6000ft. Range (in code): SY JO TR LB He IL 27 31 65 27C 27Cb 31F 31Fb 31M 65F 65Fç 65Fz 80B 80Bc

61. **Polyommatus (Aricia (Ultraaricia)) bassoni (T.Larsen,1974)** (Lycaenidae) Synonym(s): *bassoni* T.Larsen,1974 Taxonomical Reference: Aricia crassipuncta ssp. bassoni Larsen,1974, Butterflies of Lebanon: 172-174, Pl. 161. Holotype ♂: Lebanon: Jabal Qammoua, 1800m (raised to species category by Larsen,1995, Nota lepid. 17(3/4): 121-123). Range (in code): He IL Pa LB TR 31 80 31F 31Fb 80C 80E

62. **Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)** (Lycaenidae) Synonym(s): *medon* Hufnagel,1766 *nec* Linn.,1763; *alexis* Rottemburg,1775 *nec* Poda,1761; *agestis* [Denis & Schiffermüller],1775; *astrarche* Bergsträßer,[1779]. Taxonomical Reference: Papilio agestis [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett, Wienergegend: 184. Type(s): [Austria]: Vienna district. Range (in code): AL AM Ao At AT AZ Ba BE BG B-H BY CH CN Co Cr CZ DE DK FR GB GG GR ES Mu HU HV IL IQ IR IT JO KG KK Ku LB LT LU MK MT NL PL Rd RO RU SE Si SK Sm So Sr SS SY Tk TM TR T-S UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx Ken LAT Wn Sau Tar DsA TrA Ax T-S PK Nwf



Ci Mre Haz IN Kma Bl Sml Hp Ch CY Ab Sro Msw Qba Ak Elb Th Kp Fa Cc Arr AF Hr 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81 01H 01G 01D 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06N 06Ne 06R 06Rd 06S 06V 06Z 13A 13Ab 13D 13Da 13E 13Ea 13F 13F35 13G 13Gö 13Gg 13Gs 13Gw 21N 21Nb 25F 25Fa 27C 27Cb 27E 30A 30B 30Bk 30Br 30D 30C 31A 31Aa 31B 31L 31La 39C 44E 44F 44Fb 44L 44T 45L 45La 46F 46Fc 46Fd 46G 46Gf 48A 48Ak 48Ad 48Ai 48F 56F 58C 58G 58Gi 63B 63D 63E 63G 63M 65D 65Dj 65Dk 65Dq 65Dn 65Dr 65E 65Eb 65Ec 65Ed 65F 65Fd 65Fg 65Fh 65Fx 65Ft 65Fi 65Fz 65Fc 65G 65Ga 65Gh 65K 65Kl 65Km 65Ku 65N 65Nc 65Ni 65Np 65Np8 65Nm 65Nn 66A 70C 70Cb 72E 72Eb 72Ei 73A 73Ad 73C 73Cd 73D 73Db 76A 76Ac 76Ae 76E 76Ea 76D 76Da 76Dc 76Dg 78D 80C 80E 80G Bionomy: Larva on Helianthemum nummularium, Erodium cicutarium, E. ciconium, Geranium tuberosum, G. asphodeloides, G. sanguineum (Geraniaceae) (Tolman, 1997); Geranium collinum, G. divaricatum (Zhdanko, 1997).

63. **Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis (Forster,1960)** (Lycaenidae) Synonym(s): *pseudactis* Forster,1960 Taxonomical Reference: *Agrodiaetus actis* ssp. *pseudactis* Forster,1960, Z. Wien. ent. Ges. 45: 107-109, Taf.10 & 11 figs. 4 & 5. Holotype ♂: Armenia, mts. Daralagez, pag. Martiros, ca.2000m. Range (in code): Cc AM Eri IR Gor Ab Khy IQ Ry TR Arr 01 03 04 08 24 25 29 30 31 36 38 42 44 46 49 50 51 58 62 65 66 69 76 30B 30Bd 30Bh 36D 46F 65A 65D 65Dc 65Dp 65G 65Ge 65F 65Fe 65Fj 65Ft 65Fz 65N 65Np8 65Nr6 65Nm 66A 76C 76D 76Da

64. **Polyommatus (s.str. (Cyaniris)) antiochenus (Lederer,1861)** (Lycaenidae) Synonym(s): *antiochena* Lederer,1861 Taxonomical Reference: *Lycaena antiochena* Lederer,1861, Wien. ent. Monatschr. 5 (5): 148, Taf. 1 figs. 2,3. Syntypes: Antiochia. Range (in code): He IL Pa LB SY TR 01 13 21 27 31 33 46 56 65 73 80 01H 01L 01Lb 13F 13G 13Gt 21N 21Nb 27C 31A 31Aa 31Cb 31F 31Fb 31L 31La 31M 33A 33K 46F 46Fc 46H 46Hc 56D 56Db 56Dg 56F 65D 65Dn 65Do 65Dq 65Ds 65Dt 65Dv 73D 73Df 80C

65. **Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842])** (Lycaenidae) Synonym(s): *bellis* Freyer,[1842] Taxonomical Reference: *Lycaena bellis* Freyer,[1842], Neuere Beitr. Schmett. 5: 26, Taf.398, figs.1,2. Type(s): Türkei. Lectotype ♂: Suburbs of Istanbul (designated by Balint,1999, Neue ent. Nachr. 46: 18-19) (BMNH). Range (in code): AM GG Cc IR Ab Ak Elb Th Gor Se TR SY LB IQ He IL Pa 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 74 75 76 80 01L 01Lb 04D 04Db 05A 06A 06B 06C 06D 06G 06K 06P 06R 06Rd 06V 13D 13Da 13G 27C 30B 30Bb 30Bk 46F 46Fc 56F 65D 65Dc 65Dd 65Dda 65Dn 65Do 65Dq 65Dt 65Dv 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fd 65Fe 65F3 65Fm 65Fw 65Fz 65K 65Kö 65Kg 65M 65Mc 66A 75F 76C Bionomy: Larva on Trifolium (Fabaceae).

66. **Polyommatus (s.str. (Lysandra)) syriacus (Tutt,1914)** (Lycaenidae) Synonym(s): *syriacus* Tutt,1914 Taxonomical Reference: *Agriades coridon* var. *syriaca* Tutt,1914, Nat. Hist. Br. Butts 4: 58-59. Syntypes: Lebanon: Antilebanon. Lectotype ♂: "Afka, Libanon, 6000ft Nicholl", designated by Schurian,1989, Neue ent. Nachr. 24:88 (BMNH). Range (in code): LB TR SY 01 31 33 46 51 01K 01H 31L 31La

67. **Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775)** (Lycaenidae) Synonym(s): *daphnis* [Denis & Schiffermüller],1775; *endymion* [Denis & Schiffermüller],1775 *nec* Fabricius,1775; *meleager* Esper,1778; *dalmatina* Wagner,1909. Taxonomical Reference: *Papilio daphnis* [Denis & Schiff.],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 182. Type(s): [Austria]: Vienna district. Range (in code): Aq Sms AL Cc AM AT AZ Ba BG B-H BY CH CZ DE ES FR GG GR HU HV Zad IQ IR Ab Ak Mrd Qba Sro Lo Ha Elb Th Gor IT KG LB MK PL RO RU Si SK Sm So Sr SS SY TR UA VI YU LAT Wn 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 56 58 60 62 65 66 68 69 70 71 73 74 75 76 78 04D 04Db 05A 06B 06C 06D 06E 06K 06N 06R 06Rd 06V 06Z 13G 13Gv 13Gw 14I 14Lb 24E 24Ea 30B 30Ba 30Bc 30Bj 30Bd 30Bh 30Bf 30Br 30C 30D 30Da 30Db 30Dt 31M 44F 44Fb 46F 46L 56F 58G 58Gj 58Gi 58Gk 58R 58Rb 65D 65Dc 65Dc1 65Do 65Dp 65K 65Kb 65G 65Gd 65Ge 65Gm 65Gn 65Gs 65Go 65Gp 65F 65Fb 65Fc 65Fç 65Fg 65Fh 65Fe 65Fq 65Fj 65Fi 65Fp 65Ft 65Fü 65Fu 65Fr 65Fz 65K 65Kc 65Ké 65Kl 65Km 65Kö 65Kü 65Kz 65Kg 65Kw 65N 65Np 65Np5 65Nr2 65Nr4 65Nm 75F 76C 76D 76Da Bionomy: Larva on Coronilla varia (Tolman, 1997).

68. **Polyommatus (s.str. (Plebicula)) amandus (Schneider,1792)** (Lycaenidae) Synonym(s): *icarius* Esper,1789 *nec* Rottemburg,1775; *amandus* Schneider,1792 Taxonomical Reference: *Papilio amandus* Schneider,1792, Neuestes Mag. 4: 428. Type(s): Sweden. Range (in code): Lsb Bn At AL AM AT AZ Ba BG BY Cc CH CN CZ DE DK EE ES FI FR GG GR HU IQ IR Ak Ab Jal Elb Th IT KG KK LB LT LV NO PL RU SE Si SK Sm So Sr Tk TR T-S UA Ui Uk VI YU Aq Cb Bs Or Kg Pp Kw Ty Pw Om No Mn Sp Tk Aa Db Ax Kuz Sli Sau Tar DsA TrA TeA T-S 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80 05A 06B 06G 06K 06R 06Rd 06V 06Z 13G 13Gç 13Gt 13Gv 14I 14Lb 24E 24Ea 27C 30A 30Aa 30B 30Ba 30Bc 30Bd 30Bf 30Bk 30Bj 30C 30Cd 30D 30Da 30Dk 30Dt 31A 31Aa 31L 31La 38H 38Hc 44A 44Aa 46F 46G 46Ge 56F 65D 65Dc 65Dc 65Dda 65Df 65Dn 65Dt 65G 65Gd 65Ge 65Gv 65Gz 65F 65Fb 65Fç 65Fe 65Fn 65Fz 65K 65Kl 65N 65Np 65Nş 65Nm 66A 72E 72Ej 75F 76C 78D 78Da Bionomy:

Larva on *Vicia cracca*, *V. villosa*, *V. onobrychoides*, *V. terasperma*, *V. incana*, *V. sibthorpii*, *V. cassubica* (Tolman, 1997); *Vicia kokandica*, *V. costata*, *Medicago romanica* (Zhdanko, 1997).

69. **Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877)** (Lycaenidae) Synonym(s): *aedon Christoph,1877* Taxonomical Reference: *Lycaena aedon Christoph,1877*, Horae Soc. ent. ross. 12: 236-237, Taf.v fig.8. Syntypes: [Iran]: Schahkuh. Range (in code): **IR Ab Khy Elb Th Ha TR Cc 04 08 13 24 25 29 31 36 49 53 62 65 69 76 04D 04Db 13A 13Ad 13G 13Gc 13Gt 13Gv 13Gw 30B 30D 31A 65D 65Dd 65Dc 65F 65Fi 65Fe 65Fz 65H 65K 65Kü 65N 65Nr2 65Nr3 65Nr4 65Nm 65Nj** Bionomy: Larva on *Cicer ? arietinum* C. anatolicum (Hesselbarth et al.,1995); *Cicer anatolicum* (Fabaceae) (Kemal, in litt.).

70. **Polyommatus (s.str. (Sublysandra)) cornelius (Freyer,[1850])** (Lycaenidae) Synonym(s): *cornelius Freyer,[1850]*; *cornelia Gerhard,[1851]*; *candalus Herrich-Schäffer,[1851]*; *zuleikae Pfeiffer,1932*; *eberti Koçak,1979*; *subtilis Pages & Charmeux,1992*. Taxonomical Reference: *Lycaena cornelia Freyer,[1850]*, Neuere Beitr. Schmett. 6: 145, Taf. 572, fig.1. Type(s): Türkei, Amasia. Range (in code): **TM TR AF 01 02 03 05 06 07 11 14 15 16 18 19 20 21 24 25 26 27 29 30 31 32 33 37 38 42 43 44 46 47 50 51 55 56 58 60 62 63 64 66 70 71 73 01L 01Lb 05A 06A 06B 06C 06G 06K 06R 06Rd 06V 06Z 21N 21Nb 46F 46Fc 46G 46Gi 66A 70A**

71. **Polyommatus (s.str. (Thersitesia)) thersites (Canterer,[1835])** (Lycaenidae) Synonym(s): *thersites Canterer,[1835]*; *chapmani Ball,1914*; *meridiana Verity,1919*. Taxonomical Reference: *Argus thersites Canterer,[1835]*, Hist. nat. Léop. Rhop. Pap. diurn. Dép...: 53, pl.11, figs.1,2. Syntypes: NW.France: Vosges,etc. Range (in code): **Cc AZ Sms Kos AL AT Ba BE B-H BY CH CZ DE ES Mu FR GR HU HV IR Ak Ab Qba Elb Th IT KG KK LB MA MK MN PL PT Rd RO RU SK Sm So Sr SS SY TM TR UA YU TrA TeA T-S DsA Tar Sau Sj GG Tbl MA Azr Ifr 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 74 75 76 78 81 06A 06B 06C 06D 06G 06H 06K 06N 06P 06R 06Rd 06S 06V 06Z 13A 13Ab 13G 13Gv 30B 30Bk 30D 31A 31Aa 31L 31La 31B 31F 38H 38Hc 39C 44O 44Oi 46F 46G 46Gf 58G 58Gj 58Gk 58Gi 58R 58Rb 65D 65Dc 65Dd 65Dda 65E 65Ea 65G 65Gd 65Ge 65Go 65Gp 65Gm 65Gq 65F 65Fc 65Fg 65Fh 65Fe 65Fi 65Fj 65Fx 65Fz 65K 65Kc 65Kg 65Kl 65N 65Np 65Np5 65Nr6 65Ns1 65Nm 66A 76B 76Bf 76Bh 76D 76Da 76Dg 76E 76Ea** Bionomy: Larva on *Onobrychis caput-galli*, *O.viciifolia*, *O.peduncularis* *O.radiata* (Weidenhoffer & Vanek,1977; Tolman, 1997; Zhdanko, 1997).

72. **Polyommatus (s.str.) bollandi Dumont,1998** (Lycaenidae) Synonym(s): *bollandi Dumont,1998* Taxonomical Reference: *Polyommatus bollandi Dumont,1998*, Linneana Belg. 16 (8): 335-336, figs. Holotype ♂: Turquie: Hatay: Kizildağ, 1500m (BMNH). Range (in code): **TR 31**

73. **Polyommatus (s.str.) icarus (Rottemburg,1775)** (Lycaenidae) Synonym(s): *argus Poda,1761 nec Linn.,1758*; *alexis Scopoli,1763 nec Pda,1761*; *thetis Esper,1777 nec Dru.,1773*; *icarus Rottemburg,1775*; *pampholyge Bergsträßer,1779*; *candybus Bergsträßer,1779*; *candiope Bergsträßer,1779*; *candaon Bergsträßer,1779*; *oceanus Bergsträßer,1779*; *fusciolus Fourcroy,1785*; *icarinus Scriba,1795*; *pusillus Gerhard,1851*; *celina Austaut,1879*; *neglectus Stradomsky & Arzanov,1999* Taxonomical Reference: *Papilio icarus Rottemburg,1775*, Naturforscher 6: 21. Type(s): Saxonia. Range (in code): **Ae AF AL Ao AT Ba BE BG B-H BY CH CN Co Cr CY CZ DE DK DZ EE ES FI FR GB GR HU HV IE Ii IL IQ IR IT JO KG KK Ku LB LT LU LV MA MK MN MT NL NO PK PL PT RD RO RU Sa SE Si SK Sm So Sr SS SY Tj TM TN TR T-S Tv UA Ui Uk Us UZ VI YU Cw Dv Smt H-W Sur Ssx Ken Mu Mu18 Bn At Kts Sau Tar Buc Bkb Mrk Ssn Ktm Nym Sb DsA TrA KuA TeA Ax Ii Kuz Sli Bl Ci Nwf Kmt Sju Prj Pa Hf Cc Kc Pe Ir Irk Bc Arr Ab Sro Jal Shf Msw Swa Sgl Mdy BtNa Nra Abe Sbd Lbs Ges MA Tgr Rbt Azr LY Cy Hr BlM Ng Kab Ca 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 78 80 81 01A 01C 01H 01G 01F 01K 04D 04Db 05A 06A 06B 06C 06D 06E 06G 06H 06K 06N 06P 06R 06V 06Z 13A 13Ab 13Ad 13B 13Ba 13D 13Da 13E 13G 13Ga 13Gc 13Gv 13Gü 13Gy 13Gw 14I 14Ib 18F 21N 21Nb 27C 27Cb 30B 30Bb 30Bk 30Br 31A 31Aa 31B 31E 31F 31L 31La 31K 31Ka 38H 38Hc 39C 44O 44Oc 45L 45La 46G 46Gf 46E 46Eb 46F 48A 48Aa 48Ad 48D 48F 48L 56F 56Fc 56Fi 58G 58Gj 58Gi 58Gk 58R 58Rb 63D 63E 65D 65Dd 65Dda 65Dj 65Dk 65Dr 65Drb 65Dm 65Do 65Dn 65E 65Ea 65Eb 65F 65Fc 65Fg 65Fe 65Fh 65Fj 65Fi 65Fm 65Fq 65Fr 65Fü 65Fu 65Fx 65Fi 65Fw 65Fz 65G 65Ga 65Ge 65Gd 65Gm 65Gn 65H 65Ha 65K 65Ka 65Kb 65Kc 65Kg 65Kl 65Ks 65Ks 65Kö 65Ku 65Ky 65Ky1 65M 65Mc 65Md 65N 65Nc 65Np 65Np2 65Np4 65Np7 65Nr3 65Ns 65Nm 66A 72E 72Eb 72F 73A 73Ad 73Ad2 73D 73Db 73Df 75F 75Fi 76A 76Ac 76Ae 76B 76Ba 76Bf 76Bh 76C 76D 76Da 76Dg 76E 76Ea 78D 78Da 80B 80Bd 80C 80E** Bionomy: Larva on *Galega*, *Ononis*, *Lotus corniculatus*, *L. lancerottensis*, *Medicago lupulina*, *Trifolium*, *Melilotus*, *Genista*, *Astragalus*, *Astracantha*, *Onobrychis*, *Anthyllis*, *Coronilla* (Tolman, 1997); *Medicago romanica*, *Trifolium repens* (Zhdanko, 1997).

74. **Pseudophilotes vicrama (Moore,1865)** (Lycaenidae) Synonym(s): *vicrama Moore,1865* Taxonomical Reference: *Polyommatus vicrama Moore,1865*, Proc. zool. Soc. London 35: 505, pl.31, fig.6. Syntypes: Tibet: Shipkee; [India]: Middle Kunawur: Cheeni. Range (in code): **AF Ng Kab Jla AL At Bn AT Ba BG BY CY Ch Ci CN Cr CZ DE EE FI GR HU Ii IN IR Ab Ak Shf Elb Fa Kp IL Pa JO IQ IT KG Ld LT LV PK PL RO RU SK Sm So Sr Ti TM TR Cc GG Smt Akh UA Ui VI YU Uk Kt Ka Sp Sau Tar DsA TrA Db Syr Tm Ku T-S 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33**



34 35 36 38 39 42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80 01K 05A 06B 06G 06K 06P 06R 06Rd 06S 06V 06Z 07A 07B 07Bc 13G 13Ga 13Gö 13Gğ 13Gv 23I 23Ia 23Ib 23D 27C 30B 30D 30Dt 31A 31Aa 31L 31La 35T 45L 45La 46F 46Fc 46G 46Gf 56F 58G 58Ga 58Gi 58R 58Rb 63D 63E 65D 65Dc 65Dç 65Dö 65F 65Fb 65Fd 65Fb 65Fc 65Fd 65Fe 65Fg 65Fl 65Fh 65Fq 65Fz 65K 65Kl 65Kz 65Kğ 65N 65Np 65Np2 65Nm 66A 72E 72Ei 73A 73Ad 73Ad2 76B 76Bf 76Bh 76C 76D 76Da 76Dg 78D 78Da 80B 80Bc **Bionomy:** Larva on *Thymus serpyllum* (Kumakov & Korshunov, 1979); *Thymus longicaulis chaubardii*, *T. glabrescens*, *T. (?) comptus*, *T. ocheus*, *T. striatus* / *atticus*, *Satureja montana*, *S. thymbra* (Tolman, 1997); *Thymus marschallianus* (Zhdanko, 1997).

75. **Rubrapterus bavius (Eversmann, 1832)** (Lycaenidae) Synonym(s): *bavius Eversmann, 1832* **Taxonomical Reference:** *Lycaena bavius* Eversmann, 1832, *Nouv. Mém. Soc. imp. Nat. Moscou* 2: 349-350. figs. 3, 4. Syntypes: [Russia]: *Baschkirie*. **Range (in code):** Ba Ce Cm GR HU IL Pa Hf IR Ab Elb Mz KG LB MK RO RU Sm Sr SY TR Cc UA Uk Vl 01 05 06 07 08 09 13 14 16 17 21 23 24 27 28 30 31 32 33 34 35 38 41 42 44 46 47 48 51 58 60 62 63 65 69 70 71 73 80 05A 06C 06G 06K 06N 06P 06R 06S 06V 13G 23M 30B 30Bc 31M 38H 38Hc 44E 46G 46Gf 47B 58G 58Ga 58Gc 58Gi 62E 62Eb 62H 63N 63Na 65D 65Dç 65Dk 65Dm 65Dn 65F 65Fb 65Fc 65Fç 65Fz 65K 65Kb 65Kç 65Kd 65Kğ 65N 65Np4 65Nm 73D 73Dg **Bionomy:** Larva on *Salvia nutans*, *S. officinalis*, *S. verbenaca* (Tolman, 1997).

76. **Satyrium (Nordmannia) abdominalis (Gerhard, [1850])** (Lycaenidae) Synonym(s): *abdominalis* Gerhard, [1850]; *gerhardi* Staudinger, [1895]; *alboabdominalis* Pfeiffer, 1938; *persica* Riley, 1939; *#gerhardti* Wiltshire, 1943; *elita* Higgins, 1964. **Taxonomical Reference:** *Thecla abdominalis* Gerhard, [1850], *Versuch Monogr. eur. Schmett.*: 4, Pl. 4 figs. 3a-c. Syntypes: [Aserbaidjan]: Elisabethpol [=Kirovabad]. **Range (in code):** He IL AM Cc AZ GG IQ IR Elb Ab Khy Ak Fa Ke LB TR 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 70 71 72 73 76 80 05A 06K 13C 13Cd 13G 13Ga 13Gd 13Gv 13Gw 21N 21Nb 23D 24E 24Ea 27C 27Cb 30B 30Bg 30Br 30D 30Db 31L 31La 36D 44L 44Lb 46F 46G 47D 56B 56F 58C 58G 58Ga 58Gi 62E 62G 63E 65D 65Dd 65Dda 65Dm 65Dp 65Dv 65Dt 65Dn 65Ds 65F 65Fb 65Fc 65Fd 65Fe 65Fj 65Fq 65Fp 65Fü 65Fw 65Fz 65K 65Kl 65Kö 65Kü 70C 70Cb 72E 72Eh 73D 73Df 76C 80B 80Bc **Bionomy:** Larva on *Prunus*, *Amygdalus*, *Crataegus* (Rosaceae), *Eleagnus*, *Lonicera persica* (Wiltshire, 1943); on *Cerasus brachypetala bornmuelleri* (Rosaceae) (Kemal & Mükemre, 2011).

77. **Satyrium (Nordmannia) ilicis (Esper, [1779])** (Lycaenidae) Synonym(s): *ilicis* Esper, [1779] **Taxonomical Reference:** *Papilio ilicis* Esper, [1779], *Die Schmett.* 1(1): 353; [1789], *ibid.* (suppl.): 28 pl. 98 figs. 11, 12. Syntypes: Deutschland: Erlangen. **Range (in code):** AL Cc AM AT AZ Ba BE BG B-H BY CH CZ DE DK EE ES Mu FR GG GR HU HV IQ IR Ab IT LB LT LU LV MK NL NO PL PT RO RU SE SK Sm So Sr SS TR UA VI YU SY IL Pa Hf 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 21 20 22 24 25 26 27 29 31 32 33 34 35 37 38 39 40 41 42 43 45 46 48 50 51 54 55 56 58 60 61 62 66 67 69 70 71 74 75 76 78 80 81 01H 01K 03E 05A 05G 06B 06C 06Cb 06G 06R 06Ra 06Rd 06V 07A 07Ac 07Ad 07B 07C 13C 13Cf 13D 27E 27C 27Cb 29F 31A 31Aa 31B 31C 31Cb 31F 31L 31La 31M 32D 32F 32I 33E 33H 43G 44L 45L 45La 46F 46G 46Ga 46K 48A 48Ak 48F 58C 60C 62D 62E 62G 62H 66A 69B 69Ba 75F 75Fa 78D 78Da 80B 80Bc 80Bd 80C 80E 80G **Bionomy:** Larva on *Quercus coccifera*, *Q. ilex*, *Q. robur* (Tolman, 1997); *Quercus pubescens* (Koçak, in litt.).

78. **Satyrium (Nordmannia) zabni Oorschot & Brink, 1991** (Lycaenidae) Synonym(s): *#zabni* Higgins, 1964; *zabni* Oorschot & Brink, 1991. **Taxonomical Reference:** *Satyrium ilicis* ssp. *zabni* Oorschot & Brink, 1991, *Ent. Ber.*, Amst. 51 (3): 38-43, 5 figs. Holotype ♂: Turkey: Hakkari prov., 35-40km. E. Uludere, 1200-1300m. (ITZA). **Range (in code):** IQ Er Slh IR Lo TR 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73 13C 13Cf 13D 13Da 13E 13Ea 13G 13Ga 13Gw 21N 21Nb 31L 31La 47E 56B 56F 56Fa 62E 65D 65Dl 65Dlc 65Do 65Dn 65Du 65F 65Fb 65Fc 72E 72Em 73C 73Cd

79. **Satyrium (Strymonidia) spini (Fabricius, 1787)** (Lycaenidae) Synonym(s): *#spini* [Denis & Schiffermüller], 1775; *lynceus* Esper, [1779] *nec* Drury, 1773; *spini* Fabricius, 1787; *cerasi* Herbst, 1804 *nec* Fabricius, 1787; *#albosparsa* Oberthür, 1910; *anatolicus* De Lattin, 1950. **Taxonomical Reference:** *Papilio spini* Fabricius, 1787, *Mant. Ins.* 2: 68. Syntypes: Germania. **Range (in code):** AF AL AM AT AZ Ba BE BG BY CH CZ DE ES FR GG GR HU IQ IR Ab Ak Elb IT KG Kp LB Le LT LU PL PT RO RU SK Sm So Sr TM TR UA Uk Vl Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Arr Hr 01 03 04 05 06 07 08 13 15 16 17 18 19 21 24 25 26 27 29 30 31 32 33 34 36 38 41 42 43 44 46 48 49 50 51 56 58 60 62 63 65 66 68 69 70 71 73 74 75 76 78 80 01D 01H 01K 01G 03D 03E 04H 04I 05A 06B 06C 06K 06N 06R 06Rd 06V 07A 07B 07Bc 07G 13C 13Cf 21N 21Nb 24D 27E 29F 30D 30Du 31F 32A 32Ab 32I 32D 33E 33F 33G 33H 33P 36D 36Dd 36Df 36F 36H 38C 38Ca 42D 42Dc 42E 44E 46F 49F 56B 58G 58G 58Ga 58Gi 58Gg 62E 62G 63E 65D 65Dw 65Dö 65E 65F 65Fc 65Fp 65Fz 65K 65Km 73C 73Cd 75F 75Fa 76B 76C 76D 76Dc 78D 78Da 80B 80Bc 80Bd 80G **Bionomy:** Larva on *Rhamnus alaternus*, *R. lycioides*, *R. alpinus*, *Paliurus spina-christi* (Tolman, 1997).

80. **Tomares (nogelii) nesimachus (Oberthür, 1893)** (Lycaenidae) Synonym(s): *nesimachus* Oberthür, 1893 **Taxonomical Reference:** *Thestor nesimachus* Oberthür, 1893, *Etud. Ent.*

18: 14, pl. 2, fig. 30. Syntypes: [Turquie]: [Hatay]: Akbes. Range (in code): TR SY LB JO IL 06 07 11 18 19 23 24 27 29 31 32 33 38 42 44 46 47 48 51 58 60 62 63 66 68 70 06B 06K 06V 06Z 31F 31Fb 31M 31L 31La 33K

81. **Turanana endymion (Freyer, [1850])** (Lycaenidae) Synonym(s): *endymion* Freyer, [1850]; *panagaea* Herrich-Schäffer, [1851]; *endymion* Gerhard, [1851]; *panagaea* Herrich-Schäffer, [1852] Taxonomical Reference: *Lycaena endymion* Freyer, [1850], Neuere Beitr. 6: 145, Taf. 572 figs. 2, 3. Syntypes: Türkei: Amasia; Neotype ♂: Turkey: [Samsun Prov.: Ladik]: "Amasia, 10km SW Ladik (900m)" designated by Coutsis (2005, Nota lepid. 27: 251-272). Range (in code): Cc GG IL Pa He IR LB TR IQ Zj Ab Ak Elb Kp Se Ha TM Ke 01 02 03 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 42 44 46 47 50 51 52 55 56 58 60 62 65 66 69 70 71 72 73 76 80 04D 04Db 05A 06C 06K 06R 06V 06Z 07A 07Al 13C 13Cd 13E 13Ea 13G 13Gc 13Gv 13Gw 13Gz 30B 30Br 31F 31Fb 32A 32Ab 32D 32I 35S 35Sb 38C 38Ca 42H 42V 44E 46F 46G 46Gi 46H 46Hc 55H 56F 58G 58Gi 65D 65Dc 65Dd 65Dda 65Df 65Dm 65Do 65Dw 65G 65Ge 65Gd 65Gt 65F 65Fc 65Fe 65Fg 65Fi 65Fj 65Fq 65Fw 65Fz 65K 65Kc 65Kz 65Kg 65N 65Nr4 65Nm 66A 66P 66Pa 72E 72Ec 72Ej 72Ek 73C 73Cd 80B 80Bc Bionomy: Larva on *Acantholimon adrosaceum* (Plumbaginaceae) (Tolman, 1997).

82. **Zizeeria (s.str.) karsandra (Moore, 1865)** (Lycaenidae) Synonym(s): *karsandra* Moore, 1865 Taxonomical Reference: *Polyommatus karsandra* Moore, 1865, Proc. zool. Soc. London 35: 505, pl. 31, fig. 7. Type: [India]: NW. India: from Oudh to the Punjab. Range (in code): AF Ng Jla AU BH Cr CY MA TN DZ Tou Omy Gle ID IL Pa Hf IN IQ Diw IR Elb Th Fa JO KW LB MM Nf Nj OM PK Ci Cp Haz Mre QA SA Si SY TH Nrt Rat CMa Cmz Cuo Cu01 Nst Chw MY Lkw TN TR AE VN YE PH Jol Luz Mno Pal 01 13 21 27 31 33 56 63 01A 01F 13F 27C 27Cb 31E 31F 33A 33Aa 33F 33P 56F 63D Bionomy: Larva on *Melilotus indica*, *Medicago sativa* (Tolman, 1997).

## Papilionidae

83. **Archon apollinus (Herbst, 1798)** (Papilionidae) Synonym(s): *apollinus* Herbst, 1798; *pythius* Esper, 1805; *thia* Hübner, 1806; *annii* Ondrias, Kouts. & Douma-Petridou, 1979. Taxonomical Reference: *Papilio apollinus* Herbst, 1798, [in] Jablonsky, Natursyst. Ins. (Schmett.) 9: 156, pl. 250, figs. 5-8. Syntypes: [Turkey]: Ourlac [Urla (Zmir)]. Neotype: Zmir (de Freina, 1985) Range (in code): GR JO IL Pa Hf LB Bei Rd SY Drz Ksb TR 01 02 03 05 06 07 09 10 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34 35 37 38 42 43 44 45 46 48 51 58 60 63 64 66 68 71 77 05A 06A 06Aa 06Ab 06B 06Ba 06D 06F 06Fa 06Fb 06G 06Ga 06Gb 06K 06Kb 06Kc 06Kd 06Ke 06O 06P 06Pa 06R 06Ra 06Rb 06Rc 06Rd 06Re 06Rk 06S 06Sb 06V 06Vb 06Vc 06Ve 06Vf 06Z 06Za 07A 07Ac 07Ad 23I 23Ib 23M 24E 25F 25Fa 27C 27Cb 31A 31Aa 31B 31K 31Ka 31L 31La 31Lb 31Lc 31M 35L 35X 46F 46Fc 48L 58G 58Ga Bionomy: Larva on *Aristolochia bodamae*, *A. maurorum* (Koçak, in litt.).

84. **Iphiclides podalirius (Linnaeus, 1758)** (Papilionidae) Synonym(s): *podalirius* Linnaeus, 1758; *sinon* Poda, 1761; *flammeus* Fourcroy, 1785; *brassicae* Fabricius, 1807; *inalpinus* Verity, 1911; *valesiaca* Verity, 1911; *zanclaeides* Verity, 1911; *pseudopersica* Rocci, 1926. Taxonomical Reference: *Papilio podalirius* Linnaeus, 1758, Syst. Nat. (Ed. 10) 1: 463, nota. Syntypes: Europae austr. & Africae. Lectotype: Italy, Tuscany (ICZN, Op. 263). Range (in code): AL Ao At AT Ba BE BG B-H BY CH CN Co Cr CZ DE Dj DK DsA EE ES Mu FI FR GR HU HV Ii IR IT Kb Ket KG Kp Kr Kt Ku Kun LT LU LV MK Mrk NL PL PT Pw Rd RO RU Sa Sau Sem Si SK Sm So Sp Sr Srm SS SW Tar Teb Ti Tk Tlk TM TR TrA T-S UA Ui Uk VI YU Rtc Vrn Sjn Trb IL AM AZ GG LB Beq Bei SY He Mst Sof Rg Skp Bgz Slv Ppp Mt Ko Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mu18 Nrr Ore Pv Ple Lug Rio Seg Sma Sor Svl San Ter Tol Trg Val Vcl Zg Zm Agi Abe Lbs Saia Bld Btina Ktr Cst Phv Sbd Orn Dze Ahr Hmk Hrh Dze Dja Clo 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81 04D 04Db 05A 06A 06B 06F 06G 06K 06N 06P 06R 06Rd 06V 06Z 07A 07Ac 09K 09Ka 13C 13Cd 13F 13F35 13G 13Gü 13Gy 13Gw 14I 14Ia 21N 23D 23Da 23I 23Ib 23M 24E 24Ea 25F 25Fa 27C 30A 30B 30Bo 30Br 30D 30Df 30Dt 31A 31Aa 31M 31F 31Fb 31L 31La 39C 40D 43G 44E 44F 44Fb 44L 45L 48A 48Aa 48D 48F 49E 49Ea 49F 56F 56Fb 56Fe 56Fh 56Fj 56Fy 58G 58Gi 65D 65Dc 65Dd 65Dda 65Dj 65Di 65Di1 65Dk 65Do 65Dr 65Drb 65Drc 65Dv 65F 65Fd 65Fq 65F3 65Fz 65K 65Kg 66A 73A 73Ad 73Ad2 73Ak 75F 76B 76Bb 78D 78Da Bionomy: Larva on *Prunus spinosa*, *P. amygdalus*, *P. avium*, *P. domestica*, *P. persica*, *P. armeniaca*, *P. mahaleb*, *P. padus*, *Pyrus communis*, *P. amygdaliformis*, *P. longipes*, *Malus domestica*, *Crataegus monogyna* C. *oxycantha*, *Sorbus acuparia* (Rosaceae) (Tolman, 1997).

85. **Papilio (s.str. (Alexanoria)) alexanor Esper, [1800]** (Papilionidae) Synonym(s): *polidamas* De Prunner, 1787 nec Linn., 1758; *alexanor* Esper, [1800]; *polychaon* Loche, 1801; *destelensis* Nel & Chauliac, 1983. Taxonomical Reference: *Papilio alexanor* Esper, [1800], Die Schmett., Suppl. I, 1: 89, Taf. 110 fig. 1 (nom. nov. pro *Papilio polydamas* De Prunner, 1798) Type(s): "Nice en Provence" (ex De Prunner, 1798: 69). Range (in code): AF Kbb Ng AL B-H FR GR HV IL IQ AZ Nv Ord Cc Arr IR Ab Ak Zj Fa Elb Th IT JO KG KK LB Ftr Aiz MK Si TJ TM TR UZ SS B-H HV Syr Tm PK Bl T-S 01 02 03 04 05



06 07 08 10 16 17 25 30 31 32 33 35 36 42 43 44 45 46 47 48 52 58 60 62 65 69 70 71 73 74 76 04B 04C 04Ca 05A 06K 06R 07A 07Ab 31B 31F 31Fb 31M 45L 45La 58G 58Gi 65D 65Di 65F 65Fd 65K 65N 65Nr4 65Nm 70C 70Ca 76B Bionomy: Larva on *Opopanax chironium*, *O. hispidus*, *Seseli montanum*, *Trinia glauca*, *Pimpinella saxifraga*, *Scaligeria cretica*, *Ferula communis*, *Pastinaca sativa* (Tolman,1997).

86. **Papilio (s.str.) machaon Linnaeus,1758** (Papilionidae) Synonym(s): *machaon Linnaeus,1758*; *reginae Retzius,1783*; *umbellatarum Fabricius,1807*; *aurantiaca Speyer,1858*. Taxonomical Reference: *Papilio machaon* Linnaeus,1758, Syst. Nat. (Ed 10)1: 462. Type(s): Europe. Range (in code): AF AL AM Ao At AT BE BH B-H BY Ch CH CN Co Cr CY CZ DE DK DZ EE ES Mu FI FR GB GG GR HV Ii IN IQ IR Ir IT KG Kmt Kp Kr Krl Ku KW LB LT LU LV MA MD MK MN MT NL NO OM PK PL PT QA Rd RU Sa SA SE Sh Si SK Sm So Sr SS SY TM TN TR UA Ui Uk US UZ VI Ya Ass BG BT Chb Hkk JP Kis Kr Mc MM NP Pja Shn SI Teb Ti Vv Yu Sju Trb Mst Slv Rg Rtc Mt Ko JO Kts Tm KK KP KR Um Bn Cho Ax Dj DsA Ii Ket KuA Sau Sem Tar TeA Tk TrA T-S Ab Ak Elb Th Ss Ke Fa Ba Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs CA Cd Agi Ng Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Lug Mdr Mlg Mu18 Nrr Ore Pv Ple Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Bei Bmm YU RO HU AZ TJ Zj Als Yuk BCo Abt Ssk Mnt On Qb Qg US MX Arz Cf Col Id Kan Mch Mon NDk NMx Ne Neb Org Sdk Ut Ws Wy TW Hr Gn IL Pa Hf Shn Yu VN Ton Ass Cc Cp Haz Mre Ci Bt Skd Kh Khh Saia Ges Gf Abe Hrh Sfr Hmk BLM 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 75 76 77 78 80 05A 06B 06C 06K 06N 06R 06Rd 06S 06V 06Z 07B 07Bb 13A 13Aa 13Ab 13B 13Bb 13G 13Gk 13Go 13Gc 13Gv 13Gw 18F 23I 23Ia 24E 24Ea 27C 30B 30Bb 30Bk 30Br 30D 30Df 30Du 30Dt 31A 31Aa 31F 31K 31Ka 31M 39C 43G 46F 46Fc 48A 48Aa 48Ak 48D 48F 48L 56F 56Fg 56Fs 63D 63E 65D 65De 65Dc 65Dk 65Do 65Drd 65Dw 65G 65Gm 65Gs 65F 65Fc 65Fe 65Fs 65Fp 65Fü 65Fw 65Fz 65K 65Kg 65Kr 65Ks 65N 65Nc 65Np 65Nm 66A 73A 73Ab 73C 73Cd 75F 75Fc 76B 76Bb 76D 76Da 76Dd 76Dg 78D 78Da 80B 80Bc 80E 80Ea Bionomy: Larva on *Foeniculum vulgare*, *Peucedanum palustre*, *P.cervaria*, *P.oreoselinum*, *P.officinale*, *Trinia glauca*, *Laserpitium halleri*, *L.latifolium*, *Angelica sylvestris*, *A.archangelica*, *Aegopodium podagraria*, *Anethum graveolens*, *Pimpinella saxifraga*, *Carum carvi*, *Ammi*, *Ridolfia*, *Ruta*, *Silaum silaus*, *Daucus carota*, *Seseli varium*, *S. libanotis*, *Bupleurum fruticosum*, *B. falcatum*, *Petroselinum crispum*, *Crithmum maritimum*, *Ferula*, *Falcaria*, *Meum*, *Selinum*, *Levisticum*, *Heracleum*, *Haplophyllum* (Tolman,1997).

87. **Parnassius (Driopa) mnemosyne (Linnaeus,1758)** (Papilionidae) Synonym(s): *mnemosyne Linnaeus,1758* Taxonomical Reference: *Papilio mnemosyne* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 465. Type(s): Finlandia. Range (in code): AF AL Cc AM AT Ba BG B-H BY CH CZ DE DK EE ES FI FR GG GR HU HV IR IQ IL IT KG KK Kr LB LT LV MK NO PL RO RU SE Si SK Sm So Sr SS TJ TM TR UA Uk UZ VI YU Mt Ko Mkl Trb Dur Sof Rg Rtc Slv Zag Skp Beo SY Aa Ax Dj DsA Ik Ike Ket T-S KuA Sem T-A Tk Tu TrA Tl CN Ui Brk Fa Ab Ak Gh Gor Ara Lo Elb Mz Eri Alg AZ Nv Dz Teb Kc Ist Kh 01 03 05 06 07 08 12 13 14 16 18 24 25 26 27 29 30 31 32 33 35 36 37 39 42 46 48 49 51 52 53 58 60 61 62 65 66 67 69 73 74 76 78 80 01K 05A 06R 07A 07Ac 07D 07Db 12A 12Ab 13E 13Ea 13F 13G 13Ga 13Gö 13Gg 13Gv 14I 14Ib 25F 25Fc 30B 30Bb 30Bj 30Bk 30Bl 30Bp 30D 30Da 30Df 30Dh 30Dt 31F 31Fb 31M 46F 46Fc 46Fg 49E 49Ea 56D 56Dg 56F 56Fc 56Fi 62G 65D 65Dc 65Dd 65Di 65Dle 65Dk 65Dn 65Dm 65Dq 65Dü 65Dn 65Dt 65F 65Fb 65Fc 65Fp 65Fe 65Fm 65Fw 65Fz 65G 65K 65Kb 65Kl 65Kö 66A 73A 73Ac 73Ae 73Ag 80B 80Bc Bionomy: Larva on *Corydalis ledebouriana* (Lukhtanov & Lukhtanov,1994).

88. **Zerynthia (Allancastris) cerisyi (Godart,1822)** (Papilionidae) Synonym(s): *cerisyi Godart,1822*; *cerisy Godart,[1824]*; *martini Fruhst.,1906*; *speciosa, cypria Stichel,1907*; *#destrigata Schultz,1908*; *#caeca Shelj.,1927*; *mysiniensis Eisn. & Wag.,1974*; *kocaki, goeksui Kuhna,1977*; *koroneii Katt. & Kouts.,1978*; *sami Schmidt,1989* Taxonomical Reference: *Thais cerisyi* Godart,1822, Mem. Soc. linn. Paris 2: 234, pl.20,figs.3,4. Syntypes: [Turkey]: Ourlac [=Urla (|zmir)]. Range (in code): BG B-H CY GR IL Pa Hf JO LB Bei MK Rd SY TR YU Slv Skp Trv Rtc Ppp Bgz Ko 01 06 07 09 10 11 14 15 16 17 22 26 27 31 32 33 34 35 37 39 41 42 43 45 46 48 51 52 59 60 80 01H 01E 01Ka 01K 06R 07A 07Ac 07Ad 07B 07Bc 07D 07E 07F 07H 07I 14I 14Ia 27C 27Cb 31K 31Ka 31M 31L 31La 31Lb 33A 33F 33K 33P 43G 46G 46Gf 48A 48Al 80C 80G Bionomy: Larva on *Aristolochia bodamae*, *A.rotunda*, *A.pistolochia* (Koçak, in litt.; Hensle,1993).

89. **Zerynthia (Allancastris) deyrollei (Oberthür,1869)** (Papilionidae) Synonym(s): *deyrollei Oberthür,1869*; *eisneri Bernardi,1970*; *lycaoniae Eisner & Wagener,1974*; *#flavomaculata Verity,1905*; *#ochracea Verity,1905*; *#obscurior Verity,1905*; *#subflava Schultz,1908*; *#deflexa Schultz,1908*; *#charis Schultz,1908*; *#separata Sheljuzhko,1927*. Taxonomical Reference: *Thais deyrollei* Oberthür,1869, Pet. Nouv. Ent. (2):7. Syntypes: [Turquie]: Alpes-Pontiques [Gümüshane]. Range (in code): He IL Js Pa IQ Mos Bgd Slh Tkr IR Ab Oru Jal Kd Km JO LB Bsa Baa Aiz Zah Bmd SY Dms TR 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 73 80 01H 01K 03A 03D 03N 05A 06A 06B 06D 06G 06H 06K 06P 06R 06Rd 06S 06V 06Z 07A 07Ad 07Ak 13B 13Ba 13F 13F35 13G 13Ga 19C 19D 21N 21Nb 23I 23Ib 23E 23M 25F 25Fa 27B 27C 27Cb 29A 29F 30D 30Dh 30Dt 30Dx 31A 31Aa 31B 31K 31Ka 31L 31La 32A 32C 32D 32E 32I 33E 37Y 38B 38C 38Cb 38L 42B 42D 42D 42Db 42Dc 42E 42I 42R 42X 42Xa 43K 44A 44Aa 44E 44Ej 44L 44Lb 46F 46Fc 46K 47D 47E 47F 47H 49E 49Ea 49Ec 49F 49Fd 50G 50Ga 51D 51Da 51De 56F 56Fa 56F1 56Fg 56Fh 56Fy 58C 58E 58G

58Ga 58Gi 60H 60Hb 62E 62F 62H 63D 63N 63Na 64F 65D 65Dk 65Dl 65Dm 65Dn 65Dr 65Drb 65Dp 65F 65Fe 65Fb 65Fd 65Ff 65Fg 65Fh 65Fi 65Fk 65Fl 65Fq 65Fm 65K 65Ka 65Kd 65Kl 65Kö 65N 65Ne 65Np 65Np2 65Nm 66A 66P 68B 70C 70Cd 73A 73Ab 73Ae 73Ak 73C 73Cd 73D 73Da 73Db 79B 79Ba 80A 80B 80Bc 80C Bionomy: Larva on Aristolochia bodamae, A. maurorum (Koçak, in litt.).

## Pieridae

90. **Anthocharis cardamines (Linnaeus,1758)** (Pieridae) Synonym(s): *cardamines* Linnaeus,1758; *hesperides* Newman,1894; *britannica* Verity,1908; *meridionalis* Verity,1908 *nec* Lederer,1852; *montivaga* Turati & Verity,1911 Taxonomical Reference: Papilio cardamines Linnaeus,1758, Syst. Nat. (Edn.10): 468. Type(s): [Europe]. Range (in code): Aa AL AM At AT Ba BE BG B-H Bs BY CH CN Co CY CZ DE Dj DK EE ES FI FR GB GR HU HV IE IL IQ IR IT Kb KG KK Kr Ku LB Le LT LU LV MK Mn NL NO Or PL PT Pw RO RU Sa SE Sem Si Sj SK Sm Sms So Sp Sr SS SY Teb Tk TM To TR TrA T-S Tt Ty UA Ui Uk VI YU Cw Dv Smt Mu Sr VI H-W Sur Ssx Ken Mt Ko Sof Ril Rg Rtc Mkl Trb Ti Kts Bn Ax DsA His Al Gh Pa Hf Gh Kas Shq Rwz Cc CY Ab 01 03 04 05 06 07 08 09 10 13 14 15 16 17 18 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 39 41 42 43 44 45 46 47 48 51 52 53 55 56 58 60 61 62 65 66 70 71 73 74 75 76 78 05A 06A 06B 06C 06G 06K 06N 06P 06R 06Rd 06S 06V 06Z 13G 21N 21Nb 23I 23Ib 23E 27C 27Cb 30D 30Df 31A 31Aa 31K 31Ka 31L 31La 56D 56Db 56Dc 56F 56Fa 56Fb 56Fc 56Fç 56Fe 56Fg 56Fi 56F3 56G 65D 65Dk 65Dl 65Dn 65Dm 65Dr 65Drb 65Dw 65F 65Fi 65Fe 65Fd 65Fz 65G 65K 65Kl 66A 73A 73Ae 73Ak 73Al 73D 73Db 75F 75Fc 76C Bionomy: Larva on Cardamines pratensis, Alliaria petiolata, Arabis turrata, Lunaria annua, Biscutella mollis, Hesperis lacinata (Tolman, 1997).
91. **Anthocharis damone Boisduval,1836** (Pieridae) Synonym(s): *damone* Boisduval,1836 Taxonomical Reference: Anthocharis damone Boisduval,1836, Hist. nat. Ins. Sp. Gén. Lép. 1: 564. Type(s): [Italia]: Sicile. Range (in code): AL GR IT MK Si He GR IQ Ama Cc AM IR Ab Elb Th Es MK TR LB SY IL Pa Hf 01 04 05 07 08 10 13 21 23 24 25 27 29 30 31 32 33 34 35 36 42 43 44 46 48 51 56 65 69 70 73 76 01H 01K 04D 04Da 05A 07A 07Ad 07B 07Bc 13B 13Ba 13F 13F35 13G 13Gö 13Gg 13Gw 13Gs 13Gü 21N 21Nb 23M 25C 25F 25N 25R 27B 27C 27Cb 30B 30Be 30Bg 30Bk 30Bm 30D 30Dt 31A 33K 36D 36Db 36F 43G 51D 51Da 56D 56Dc 56F 56Fc 56Fg 65D 65Dc 65Da 65Dç 65Dh 65Dk 65Dm 65Dr 65Drb 65F 65Fç 65Fe 65Fd 65Fz 65K 65Kg 65Kl 65Ks 65M 65Md 69B 70C 70Ca 70Cb 73A 73Ab 73Ae 73C 73Cd 76C Bionomy: Larva on Isatis tinctoria (Back, 1984,1985; Tolman,1997).
92. **Anthocharis grueneri Herrich-Schäffer,[1851]** (Pieridae) Synonym(s): *grueneri* Herrich-Schäffer,[1851]; *#diluta* Röber,1907; *eros* Röber,1907 Taxonomical Reference: Anthocharis grueneri Herrich-Schäffer,[1851], Syst. Bearb. Schmett. Eur.6: 20; *ibid.* 1: pl.115, figs. 551-554 [uninominal]. Syntypes: ? Creta [Kleinasien]. Range (in code): AM BG GR IL Js Pa IQ IR Ak Msw By Elb Th Lo LB MK SY TR Cc GG Bjo AZ Nv Ord 01 02 03 04 05 06 07 12 13 21 24 25 27 29 30 31 32 33 35 36 38 42 43 44 45 46 47 50 51 56 58 60 62 65 66 70 71 73 76 01H 01K 05A 06B 06G 06K 06R 06Rd 06V 13F 13F35 13G 13Gö 13Gg 13Gw 13Gk 21N 21Nb 27B 27C 27Cb 30B 30Bk 30Bb 30D 30Dt 31A 31L 31La 31M 44A 44Aa 44E 44L 56D 56Db 56F 56Fb 56Fg 56Fh 56G 58G 58Gi 65D 65Dc 65Df 65Dk 65Dm 65Dr 65Drb 65F 65Fb 65Fp 65Fd 65Fe 65Fg 65Fh 65Fq 65Fz 65K 65Kb 65Kl 65Ks 66A 73C 73Cd 76C Bionomy: Larva on Sisymbrium bilobum, Microthlaspi umbellatum; Aethionema saxatile, A. orbiculatum (Effendi, 1984; Back, 1984,1985; Tolman,1997).
93. **Aporia (s.str.) crataegi (Linnaeus,1758)** (Pieridae) Synonym(s): *crataegi* Linnaeus,1758; *nigronevrosus* Retzius,1783; *minor* Verity,1907; *basanius* Fruhstorfer,1910; *crataegiaugusta* Verity,1937. Taxonomical Reference: Papilio crataegi Linnaeus,1758, Syst. Nat. (Edn.10) 1: 467. Type(s): [Europe]. Range (in code): Ae AF AL AM Ao At AT AZ Ba BE BG B-H Bs BY Cb CH CN CY CZ DE DK DZ EE ES FI FR GG Gn GR HU HV IL IQ IR IT JP Kg KG KK KP Kr KrL LB LT LU LV MA MK MN NL No NO Om Or PL Pm PT Rd RO RU Sb SE Si Sj SK Sm So Sr SS SY Sz Ti TJ TM To TR Ts Tt UA Ui Uk VI Tm T-S Aq Ax Bog Dg DsA DsA Ka Kt Ktm KuA Kw Mn Pp Pw Rk Sp Syr Tar TeA Tk TrA Ze Mt Ko Sjn Sof Ril Slv Rtc Rg Vrn Beo JO Ktn Bn Kp Kh Ab Ak Kz Fa Ke Lo Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Cc Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio Seg San Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Yz TN Kml Bc Mz Kh Blid Btina Tni Tis Sbd Orn Azr Hr BLM 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 75 76 78 80 81 04D 04Db 05A 06A 06B 06C 06G 06K 06P 06R 06Rd 06V 07A 07Ac 12A 12Ab 13C 13Cd 13E 13Ea 13F 13G 13Ga 13Gb 13Gç 13Gv 13Gü 13Gy 13Gw 21N 21Nb 23E 23I 23Ia 23Ib 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bk 30Bo 30C 30Cd 30D 30Dt 31A 31E 31F 31Fb 31L 36D 36Db 38H 38Hc 44A 44Aa 44E 47F 49E 49Ea 49F 49Fd 56F 56Fc 56Fn 65D 65Dç 65Dd 65Dda 65Do 65Dn 65Dt 65Dn 65Dl 65Dlc 65Dq 65F 65Fb 65Fd 65Fh 65F2 65Fz 65K 65Kl 66A 72E 72Eb 72Eh 72Ei 73A 73Aç 73Aç1 75F 75Fc 76C 78D 78Da Bionomy: Larva on Prunus spinosa, P. domestica, P. avium, P. persica, P. armeniaca, P. amygdalus, P. mahaleb, P. padus, Crataegus monogyna, C. pycnoloba, C. laciniata, C. sanguinea, Pyrus communis, Malus domestica, Sorbus aucuparia (Anikin,1993; Tolman,1997).





*Capsella bursa-pastoris* (Brassicaceae) (Lorkovic,1965; Back,1979; Tolman,1997; Koçak, in litt.; Kemal et al,2009)

99. **Euchloe (s.str.) belemia (Esper,[1800])** (Pieridae) Synonym(s): *belemia* Esper,[1800]; *glauce* Hübner,[1804]; *desertorum* Turati,1905; *distincta* Röber,1907; *evanescens* Röber,1907; *marmorata* Chnéour,1934 Taxonomical Reference: *Papilio belemia* Esper,[1800], Die Schmett. (Suppl.) 1(1): 92, pl.110, fig. 2. Range (in code): **Bl Cn Cy DZ Bsk Ktr Agi Ah Ski Eba Dju EG ES IL Pa Hf IQ IR Bu Kz JO KW LB LY MA MT PK PT SA Bhh SY TN TR YE Cz Mlg Hv Svl Cd Grn Jae Alm Mu Mu18 Alc Cue Ter Mdr Val Gu Bgs Tgr Ess Rbt Saia Orn Blid Berr Ges BSa Khh Lbs Btina DhM Tun Phv Mzg Hrh Dzc Ahr Out Ceg Hmk Nbr Bea Clo Rbt 01 27 31 33 63 01F 27B 31A 31Aa 31F 31K 31Ka 63B 63D** Bionomy: Larva on *Diplotaxis siifolia*, *D. tennuisiliqua*, *Biscutella laevigata*, *B. didyma*, *Sisymbrium* (Tolman,1997).

100. **Gonepteryx (Isogonepteryx) cleopatra (Linnaeus,1767)** (Pieridae) Synonym(s): *cleopatra* Linnaeus,1767; *balearica* Bubacek,1920. Taxonomical Reference: *Papilio cleopatra* Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 765. Type(s): Algeria. Range (in code): **He AL BG B-I Cn Co Cr Cy DZ ES FR GR IL IT LB JO LY MA MT PT Rd Sa Si TN TR SS HV YU Mt SY Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRE Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Pa Hf Tol Trg Val Vcl Zg Zm Mu18 Sms CY Ktr Ndr Abe Orn Agi Blid Ges BSa Khh Lbs Btina DhM Tun Ess Tgr Hrh Dzc Hmk Azr 01 07 09 17 27 31 33 35 45 46 48 59 63 80 27C 27Cb 31A 31Aa 31K 31Ka 31F 31Fb 31L 31La 31M 45L 45La 80B 80Bc** Bionomy: Larva on *Rhamnus catharticus*, *R. alaternus*, *R. myrtifolia*, *R. oleoides*, *R. alpinus*, *R. sibthorpianus*, *R. ? persicifolius* (Tolman,1997).

101. **Gonepteryx (s.str.) farinosa (Zeller,1847)** (Pieridae) Synonym(s): *farinosa* Zeller,1847 Taxonomical Reference: *Rhodocera farinosa* Zeller,1847, Isis 1847 (1): 5. Type ♂: [Türkei]: Makri [=Fethiye]. Range (in code): **Ae AL Cc AM AZ BG GG GR IQ IR Ab Ak Qba Elb Es Th Fa Ke LB MK Rd TJ TM Kp TR YU Mt 01 02 03 05 06 07 08 10 11 13 14 16 17 19 20 21 24 25 26 27 29 30 31 32 33 34 35 36 38 41 42 43 44 46 47 48 50 51 56 58 60 62 65 66 67 68 69 70 71 72 73 76 78 80 05A 06C 06K 13G 13Gv 13Gw 21N 21Nb 25F 25Fa 27C 31F 31K 31Ka 31L 31La 31M 48A 48Ak 56F 58G 58Ga 58Gi 65D 65Dc 65Dh 65Dk 65Di 65Do 65Fz 65K 72E 72Ec 76D 76Da 78D 78Da 80B 80Bc** Bionomy: Larva on *Rhamnus alpinus fallax*, *R. sibthorpianus*, *R. lycioides graecus*, *Paliurus spina-christi*, *Zizyphus* (Nekrutenko,1990; Tolman,1997).

102. **Gonepteryx (s.str.) rhamni (Linnaeus,1758)** (Pieridae) Synonym(s): *rhamni* Linnaeus,1758; *gravesi* Huggins,1956. Taxonomical Reference: *Papilio rhamni* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 470. Syntypes: Europe, Africa. Range (in code): **AL Cc AM Asr AT At AZ Ba BE BG B-H BI BY CH CIs CN Ui Co CZ DE DK DZ ES FI FR GB Gg GG GR HU HV IE IN IQ IR IT Kb KG KK Kp Kr Ku LB Ld LT LU LV MA MK NL NO NP Nwf PK Ci PL PT RO RU Rw Sa SE Si SK Sm So Sr SS SY Sz Teb TJ TM TN TR UA Uk UZ VI YU Zi Gj Aq AF Ng Jla Lgh T-S Mu Bn Tk Aa Sp Mn At No To Om Ty Kg Ch Kw Pw Ka Sb Tt So Sau Tar Dsa Tra Cw Dv Smt H-W Sur Ssx Ken Mt Ko Sof Rtc Slv Bgz Sjn Trb LB Kts MM Ab Ak Msw Gh Mz Elb Th Arr Kh GlS Koh Swa Sgl Dju Rf Agi Blid Btina Tun DhM Tgr Hrh 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 52 55 56 60 62 65 66 67 69 71 73 75 76 81 05A 06A 06C 06G 06H 06R 06Rb 13F 13F33 13G 13Gs 13Gw 24E 24Ea 25F 25Fa 25Fb 25Fc 30B 30Bb 30Bk 30D 30Df 56D 56Dc 65D 65Da 65Dk 65Di 65Dlc 65Dn 65Dm 65Do 65Dt 65F 65Fi 65Fd 65Fj 65Fq 65Fz 65K 65Kb 65Kl 65Km 65Ks 65N 65Nc 65Ng 65No 65Np 65Nm 66A 75F 75Fi 76D 76Da** Bionomy: Larva on *Frangula alnus*, *Rhamnus catharticus*, *R. alaternus*, *R. alpinus* (?) *alpinus*, *R. a. fallax*, *R. myrtifolia*, *R. oleoides* (Linnaeus,1758; Tolman, 1997).

103. **Leptidea duponcheli (Staudinger,1871)** (Pieridae) Synonym(s): *duponcheli* Staudinger,1871; *#dupncheli* Nazari,2003 Taxonomical Reference: *Leucophasia duponcheli* Staudinger,1871, Cat. Lepid. Eur. Faunengeb. (2): 5. Syntypes: [France]: Gallia mer., Pedemont; [Turkey]: Bithynia, Pontus. Range (in code): **AL BG B-H ES FR GR MK TR Cc LB YU Mt Ko Slv IQ IR Ab Ak Elb Th Fa 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 48 49 50 51 53 56 58 59 60 62 64 65 66 67 69 70 71 73 74 76 78 05A 06B 06C 06G 06K 06N 06P 06R 06Rd 06V 06Z 13B 13Ba 13D 13Da 13G 13Gw 13Gs 18F 23D 23Dc 25F 25Fa 30B 30Bb 30Bk 30D 30Dt 46F 49E 49Ea 56F 58G 58Gi 58Gj 58R 58Rb 65D 65Dc 65Dc 65Df 65Dh 65Dk 65Di 65Dn 65Dr 65E 65Eb 65Ec 65F 65Fc 65Fç 65Fi 65Fd 65Fe 65Fg 65Fh 65Fq 65Fy 65F3 65Fz 65G 65K 65Ka 65Kb 65Kc 65Kg 65Kl 65N 65Np 65Np1 65Np2 65Nr7 65Nm 66A 76C 76D 76Da 78D 78Da** Bionomy: Larva on *Lathyrus aphaca*, *L. pratense*, *Lotus uliginosus* (Tolman,1997).

104. **Leptidea sinapis (Linnaeus,1758)** (Pieridae) Synonym(s): *sinapis* Linnaeus,1758; *candidus* Retzius,1783; *erysimi* Borkhausen,1788; *lathyri* Hübner,[1819]; *loti* Rennie,1832; *umbratica* Trimoulet,1858; *sartha* Rühl,1893; *stabiarum* Stauder,1914; *nigrescens* Verity,1919; *patunae* Stauder,1922; *lathyricana* Verity,1952. Taxonomical Reference: *Papilio sinapis* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 468. Type(s): [Europe]. Range (in code): **Aa AL At AT Aty Ba BE BG B-H Bs BY Ch CH CN Co Cr CZ DE Dj DK EE ES FI FR GB GR HU HV IE IT Kb Kg KG Kr Ku Kw LT LU LV MK Mn NL No NO Om Or PL Pp PT Pw RO RU Sa Sb SE Sem Si SK Sm So Sp Sr SS Teb Tk To TR T-S Tt Ty UA Ui Uk VI YU Cw Dv Smt H-W Sur Ssx SY Mt**



Ko Vrn Bgz Slv Sjn Trb Mst LB Kts DsA TrA Ket Sau Tar Bn Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Lug Ple Rio San Seg Sma Sor Svl Ter Trg Val Vcl Zg Zm MA Rif Cz Ab 01 03 04 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 45 46 48 49 50 52 53 54 55 56 60 61 62 65 66 67 69 70 74 76 77 78 79 75 76 80 81 05A 06G 06R 06Rd 13G 13Gö 13Gg 13Gw 14I 14Ib 25F 25Fa 27C 30B 30Bk 30D 30Dt 31A 31Aa 31B 31E 31F 31K 31Ka 31L 31La 31M 39C 46G 46Gf 65D 65Dl 65Dlc 65Do 65Dp 65F 65Fg 65Fh 65Fj 65Fq 66A 78D 78Da 80B 80Bc Bionomy: Larva on Lathyrus pratensis, L. grandiflorus, L. tuberosus, L. montanus, L. linifolius, L. vernus, L. niger, L. aphaca, Lotus uliginosus, L. corniculatus (Tolman, 1997).

105. **Pieris (Artogeia) ergane (Geyer,[1828])** (Pieridae) Synonym(s): *ergane* Geyer,[1828]; *narcaea* Freyer,[1828]. Taxonomical Reference: Papilio ergane Geyer,[1828], [in] Hübner, Samml. eur. Schmett. 1: Taf. 184 figs. 904-907. Syntypes: [Croatia]: Ragusa (Dubrovnik) (cf. Hemming, 1937, I:220). Range (in code): AL Cc Arr AM AT AZ BG B-H Cr ES FR GG GR HU HV IQ Hjo IR Ab Sro Msw Ak Elb Th Kdj IT LB MK RO SS TR YU Mt Ko Mst Trb Ple Cue Hue Lda Gna 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76 04D 04Db 05A 06M 06R 06Rd 06Z 07D 07Db 13A 13Ab 13F 13F35 13G 13Gc 13Gö 13Gg 13Gv 13Gw 23D 23Dc 23I 25F 25Fa 25Fb 25Fc 30B 30Bk 30Bb 30Br 30D 30Dt 31B 31K 31Ka 44F 44Fb 46F 46G 46Gf 49E 49Ea 49F 56F 58G 58Gj 58Gi 58Gk 63D 65D 65Da 65Dc 65Dc 65Dd 65Dda 65Df 65Dh 65Dk 65Dl 65Dlc 65Do 65Dp 65E 65Eb 65Ec 65F 65Fg 65Fh 65Fi 65Fj 65Fk 65Fm 65Fq 65Fr 65Fs 65Ft 65Fu 65F3 65Fw 65Fz 65G 65Gf 65Gh 65Gi 65Gl 65Go 65Gp 65K 65Kb 65Kg 65Kl 65Km 65Kq 65Kö 65Kü 65Kw 65N 65Np 65Nm 66A 73A 73Ad 73Ad2 76C 76D 76Da 76Dg Bionomy: Larva on Aethionema saxatile, A. orbiculatum, Isatis tinctoria (Tolman, 1997).

106. **Pieris (Artogeia) mannii (Mayer,1851)** (Pieridae) Synonym(s): *mannii* Mayer,1851; *manni* Verity,1908; *alpigena* Verity,1911; *roberti* Eitschberger & Steiniger,1973. Taxonomical Reference: Pon[tia] mannii Mayer,1851, Stettin ent. Ztg. 12:151. Type: [Croatia]: Spalato. Range (in code): AL AT BG B-H CH CZ ES Mlg Grn Alm Mu Mdr Hue Gna Bar Ter FR GR HU HV IT Kr MA Tgz MK RU Co Sa Si SK SS TR Cc UA YU Mt Ko Sjn Mst IR Ak Shf Mz Gl 01 02 03 06 07 08 10 11 13 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 49 50 51 53 56 61 62 65 67 69 73 74 75 76 78 80 13A 13Ab 13C 13Cd 21N 21Nb 25F 25Fa 25Fb 30D 30Dt 46F 46Ff 46G 46Gf 49E 49Ea 56F 65D 65M 65Md 65N 65Nj 65Ns1 65Nm 73D 73Df 76D 76Da Bionomy: Larva on Iberis sempervirens, I. saxatilis (Tolman, 1997).

107. **Pieris (Artogeia) pseudorapae Verity,1908** (Pieridae) Synonym(s): *pseudorapae* Verity,1908 Taxonomical Reference: Pieris napi var. pseudorapae Verity,[1908], Rhopalocera palaeartica: 144, pl. 32, 33, figs. Lectotype: [Lebanon]: Beyrouth (Bowden & Riley,1967). Range (in code): Cc Arr AM AZ BG B-H Da GG GR HV IQ IR Elb Mz Th JO LB Le MD MK RO RU SY TR UA YU 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81 05A 06A 06B 06K 06R 06Rd 06S 06V 06Z 13B 13Ba 13F 13F33 13F35 13G 13Gs 13Gü 13Gv 13Gy 13Gw 21N 21Nb 21Nh 23I 23Ib 23M 25F 25Fc 27C 27Cb 30B 30Bk 30Bb 30D 30Df 30Dt 30Du 31A 31Aa 31B 31L 39C 44F 44Fb 44O 46G 46Gf 49E 49Ea 56F 58G 58Ga 58Gi 58Gj 65D 65Dc 65Dk 65Do 65F 65Fb 65Fg 65Fh 65Fz 65G 65Gn 65K 65Kg 65N 65Np 65Nm 66A 73D 73Da 73Db 73Df 75F 76A 76Ab 76C 78D 76Da

108. **Pieris (Artogeia) rapae (Linnaeus,1758)** (Pieridae) Synonym(s): *rapae* Linnaeus,1758; *nelo* Bergsträßer,1780; *metra* Stephens,1827; *alpica* Rossi,1929. Taxonomical Reference: Papilio rapae Linnaeus,1758, Syst. Nat. (Edn.10)1: 468. Lectotype ♂: [Sweden (Verity,1947)] (LSL). Range (in code): Ae AF AL AT Az BE BG BH B-H BY Ch CH Ci CN Cn Co Cr CY CZ DE DK DZ EE ES FI FR GB Gg GR Hk HU HV IE IN IQ IR IS IT JO JP KG KK Kp KW Ld LT LU LV MA Mc Md MK MN MT Nf Nj NL NO OM PK PL PT QA Rd RO SA Sa SE Si SK SS SY TJ TM TN TR UA UZ YU Aa Am Ao At Aty Ax Ba Bs Ch Ikc Ir Ka Kg KP Kr KuA Kw Ky Mn No Om Pe Pr Pt Pw RU Sb Sj Sm So Sp Sr St TeA Tk Tm TrA Tt Us VI Cw Dv Smt H-W Sur Ssx Ken Mt Ko Ril Sjn Mst Mkl T-S Um Bl Ci Bn DsA Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Mui Nrr Ore Pv Rio Seg Sma Sor Svl Ter Trg Val Vcl Zg Zm Lug Ple San US MX Aks Alb Arz Cf Cnt Col Fl Ge Id Idp Iln Io Kan Knt Lou Mai Mch Mis Mns Mon Mrl Msc Mss NCa NDk NMx Ne Neb Nh Nje Ny Oh Ok Org Pns RDi Sca Sdk Tnn Tx Ut Vi Vr WVi Wc Ws Wy AU Hw Agh Pa Hf TW Kml JP RU Am Us Sh TW VN D-I Ldo GG AZ Kir AM Cc Arr Ab Jal Mz Gl Kh Koh Nra Bhh Rbt Tbl Sok Ess Tlm Saia Orn Agi Blid Ges Ogl Btina Cst Tun Tgr Tou Bea Gle Azr Ng Hr BlM Kab AU QAU NSw Syd SAU Cai 01 02 03 JP RU Am Us Sh TW VN D-I Ldo GG AZ Kir AM Cc Arr Ab Jal Mz Gl Kh Koh Nra Bhh Rbt Tbl Sok Ess Tlm Saia Orn Agi Blid Ges Ogl Btina Cst Tun Tgr Tou Bea Gle Azr Ng Hr BlM Kab AU QAU NSw Syd SAU Cai 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80 05A 06A 06B 06C 06G 06H 06K 06N 06P 06R 06Rd 06V 06Z 07A 07Ad 07B 07Bb 07M 07Mb 13F 13F35 13G 13Gc 13Gs 13Gü 13Gy 13Gw 21N 21Nb 21Nh 23C 23Cc 23D 23Dc 23I 23M 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 29A 29Ae 30B 30Bb 30Bk 30D 30Dt 31A 31Aa 31F 31K 31Ka 31L 31La 31O 36D 36Db 39C 42D 42Dc 44F 44Fb 44L 44Lc 44O 44Oi 45L 45La 46F 48A 48Aa 48Ak 48Ab 48D 48F 49E 49Ea 56F 58G 58Gk 58Gj 58Gi 63D 63E 65D 65Dk 65Do 65G 65Gt 65H 65He 65E 65Eb 65F 65Fd 65Fh 65Fg 65Fi 65Fj 65Fk 65K 65Kb 65N 65Nc 65Kl 65Ku 65M 65Md 66A 73A 73Ad 73Ak 73D 73Da 73Df 75F 75Fi 76B 76Bb 76Bf 76Bh 76C

76D 76Da 27Cb 29A 29Ae 30B 30Bb 30Bk 30D 30Dt 31A 31Aa 31F 31K 31Ka 31L 31La 31O 36D 36Db 39C 42D 42Dc 44F 44Fb 44L 44Lc 44O 44Oi 45L 45La 46F 48A 48Aa 48Ak 48Ab 48D 48F 49E 49Ea 56F 58G 58Gk 58Gj Bionomy: Larva on leaf of Rapa (Brassicaceae), Capparis spinosa (Capparaceae), Atriplex (Chenopodiaceae) (Tolman,1997); Cleome ruditosperma (Capparaceae) (Kemal,2006).

109. **Pieris (s.str.) brassicae (Linnaeus,1758)** (Pieridae) Synonym(s): *brassicae* Linnaeus,1758; *chariclea* Stephens,1827; *#venata* Verity,1908; *cyniphia* Turati,1924. Taxonomical Reference: Papilio brassicae Linnaeus,1758, Syst. Nat. (Edn.10) 1: 468. Type(s): [Europe]. Range (in code): Adr AF AL At AT Az Bd BE BG B-H Bs BY Cb CH CN Co Cr CY CZ DE DK EE ER ES FI FR GB GR Hk HU HV IE Ii IL IQ IR IS IT JO Ka Kab Kbb Kg KG KK Kp Kr Kw Ky LB LT LU LV MK MT NL No NO NP Om Pag PK Ci PL PT Pw Rd Ro RU Sa Sb SE Si SK So SS Tm Tm TR Tt UA Ui UZ Aa Ax Ike KuA Mn Sp Tk TrA Cw Dv Smt H-W Sur Ssx Ken Ko MA DZ TN Sjn Trb Sof Rg Rtc Slv Mt LY Cy SY Kts T-S Um Bn DsA Elb Th Sju Act Alc Alv Alm Atu Av Bad Bar Bgs C-L C-M CRe Cas Ccs Cd Cor Cue Cz Ct Gna Gp Grn Gu Hue Hv Jae Lda Leo Mdr Mlg Mu Nrr Ore Pv Rio Seg Sma Sor Svl Ter Tol Trg Val Vcl Zg Zm Lug Ple San Mu18 IN Ass Slo Dk TH Pa Hf Ab Ak Shf Mz GlS Kh Koh Swa Gg Bt Nwf Pes Mdy Rbt Azr Ess Orn Agi Blid Bsk Ktr Tlm Cst BtNa Tun Tgr Mzg Hrh Ng Hr Prw 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 49 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 78 80 81 04D 04Db 05A 06B 06C 06G 06K 06R 06Rd 06V 07A 07Ab 07Ag 07B 09K 09Ka 13A 13Ab 13B 13Ba 13G 13Gi 13Gö 13Gg 13Gk 13Go 13Gs 13Gc 13Gw 14I 14Ib 21N 21Nb 23G 23E 25F 25Fa 30B 30Bk 30D 30Dt 30Dx 31A 31B 31C 31E 31F 31Fb 31K 31Ka 31L 31La 36D 36Db 39C 44A 44Aa 44E 44F 44Fb 45L 45La 46F 46Fc 48A 48Aa 48Ag 48Ak 48Al 48D 48F 48L 49E 49Ea 56F 56Fa 58G 58Gi 65D 65Dc 65Dk 65Dl 65Dlc 65Do 65Dw 65F 65Fb 65Fd 65Fc 65Fj 65F3 65Fg 65Fq 65G 65Gt 65K 65Kö 65Kq 65Km 66A 73D 73Db 76A 76Ac 76B 76Bf 76Bh 76C 76D 76Dg 78D 78Da Bionomy: Larva on Brassica, Capparis spinosa, Tropaeolum majus (Tolman,1997).

110. **Pontia edusa (Fabricius,1777)** (Pieridae) Synonym(s): *edusa* Fabricius,1777; *bellidice* Ochsenheimer,1808; *persica* Bienert,1869; *#nitida* Verity,[1908]. Taxonomical Reference: Papilio edusa Fabricius,1777, Genera Insectorum: 255. Type(s): [Deutschland]: Chilonii. Range (in code): Aa Ae Aq Bn At Kts Aty Ax BG Bs Cb CN CY DE Dg Dj GG Gj GR IQ IR IT Kg KG KK Kp Kt KuA Ky Mg MK Mn No Nrk Om Or Pp Rd Rk RU Sb Sem Sm Sp SS TeA TJ Tk Syr Tm TM TR TrA Ty Ui Uk UZ YU Ze SY Um Ku DsA T-S Ab Ak Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Adu Sju Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj Ab Jal Sro Msw Ak Agh Cc 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 75 76 77 78 79 80 81 04D 04Db 05A 06B 06D 06H 06K 06N 06P 06R 06Rd 06V 06Z 13A 13Ac 13C 13Cd 13F 13F33 13G 13Gö 13Gg 13Gv 13Gw 18F 21N 21Nb 23C 23Cc 23D 23Dc 23I 23G 25F 25Fa 25Fb 25Fc 27C 27Cb 30B 30Bk 30Bb 30Br 30D 30Dt 30Du 31A 31Aa 31B 31F 39C 44E 44F 44Fb 44I 44L 44Lb 46D 46Da 46F 46G 46Gg 47F 48A 48Aa 48Ak 48Ab 48F 49E 49Ea 49F 56F 58G 58Ga 58Gd 58Gi 58R 58Rb 63D 63E 65D 65Dc 65Dd 65Dda 65Df 65Dl 65Dlc 65Do 65Dp 65Dq 65Dr 65Drb 65E 65Eb 65Ec 65Eç 65F 65Fb 65Fc 65Fe 65Fh 65Fg 65Fn 65Fp 65Fr 65Fu 65Fy 65Fw 65Fz 65F3 65G 65Gf 65Gm 65Gn 65Go 65Gp 65Gs 65K 65Ka 65Kb 65Kg 65Kç 65Kl 65Ks 65Kp 65Ku 65Kw 65M 65Mb 65Mc 65Md 65N 65Nk 65No 65Np 65Np1 65Nş 65Nm 66A 73A 73Ad 73D 73Df 75F 75Fc 76A 76Ac 76B 76Ba 76Bb 76C 76D 76Da 76Db 76E 76Ea 78D 78Da 80B 80Bc Bionomy: Larva on Reseda alba, R. lutea, R. luteola, Descurainia sophia, Diplotaxis, Thlaspi, Teesdalia nudicaulis, Turritis, Lepidium sp., Isatis tinctoria (Lavroff, 1927; Falkovitsh, 1969; Tolman, 1997).

111. **Zegris eupheme (Esper,[1804])** (Pieridae) Synonym(s): *eupheme* Esper,[1804]; *erithoe* Eversmann,1832; *tschudica* Herrich-Schäffer,[1851]. Taxonomical Reference: Papilio eupheme Esper,[1804], Die Schmett.(Suppl.) 1(1):105, pl.113, figs.2,3. Syntypes: [Ukraine]: "Gegend Sewastopol in Taurien". Range (in code): MA Azr Ifr Cc AM At AZ CN DsA ES Mu Mu18 GG IQ Fat Qg Jd IR Ar Ab Khy Ak Zj Kz Fa Ha JO KG Ku MA Mn Nym Rk RU SA Sm Sp Sr TR Arr TrA DsA Ui Uk VI T-S SY Mu Lda Hue Mlg Sma Snv Sor Vcl Zg Bgs Bar Alc Act Abr Mdr Cue Ter Cas Gu Seg Tol CRe Jae Grn Alm Av Trg 01 04 05 06 07 11 18 24 25 30 31 32 33 36 38 42 44 46 50 51 58 60 65 71 73 76 04D 04Db 05A 06A 06B 06K 06R 06Rd 06Z 07A 07Ad 30B 30Bc 30Be 30Bg 30D 30Dt 31M 33P 36D 36Db 36Df 38H 42B 42R 44L 58C 58G 58Ga 58Gf 65D 65Dc 65Dç 65Dd 65Dda 65Df 65Dj 65Dk 65Dn 65Dr 65Drb 65E 65Eb 65Eç 65F 65Fç 65Fe 65Ff 65Fm 65Fz 65K 65Ka 65Ks 65Kz 65Kg 65Ky 65Ky1 65M 65Mc 65Md 73C 73Cd 76A 76Ac 76B 76Bj 76C 76D 76Dd Bionomy: Larva on Biscutella, Sinapis, Raphanus, Sisymbrium polymorphum, Camelina laxa, Hirschfeldia incana, Isatis tinctoria (Nekrutenko, 1990; Tolman, 1997; Calle et al.,2000).

## Satyridae

112. **Brintesia circe (Fabricius,1775)** (Satyridae) Synonym(s): *circe* Fabricius,1775; *proserpina* Denis & Schiffermüller,1775; *maga* Fruhstorfer,1909; *venefica* Fruhstorfer,1909; *gabala* Gaillard,1959; *maladettiae* Varin,1962. Taxonomical Reference: Papilio circe Fabricius,1775, Sys. Ent.: 495, nr.116. Syntypes: Europa. Range (in code): AL AT BE BG BY CH CZ DE ES Mu FR GR HU IT Kr LU PL PT RO RU Sa Si SK



Sr TR Cc AZ Len UA YU IR Ha Ab Oru Qba Ak IQ S-T 01 03 05 06 07 08 10 11 13 15 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 42 43 45 46 47 48 51 53 56 58 60 62 64 65 67 70 71 72 73 76 78 01K 05A 06B 06D 06N 06R 06Rd 06V 06Z 07A 07Ah 07B 21N 21Nb 24E 24Ea 27C 27Cb 29A 29Ae 31F 39C 44F 44Fb 45L 45La 46F 46G 46Gf 56F 58R 58Rb 65K 65Kg 72E 72Ec 78D 78Da 79B 80A 80B 80Bd 80C 80E 80Ea Bionomy: Larva on Festuca ovina, Bromus erectus, Anthoxanthum odoratum (Koçak, ; Tolman,1997).

113. **Chazara (s.str.) briseis (Linnaeus,1764)** (Satyridae) Synonym(s): *briseis* Linnaeus,1764; *daedale* Bergsträßer,1780; *bataia* Fruhstorfer,1909; *interjecta* Verity,1916; *variabilis* Varin,1958; *pictonica* Varin,1958. Taxonomical Reference: Papilio briseis Linnaeus,1764, Museum Ludovicae Ulricae: 276. Type(s): Germania. Range (in code): AF AL AM Ao At Bn Kts AT Aty AZ Ba BE BG B-H BY CH CN CY CZ DE DZ ES FR GG GR HU HV IQ IR IT Ju KG KK LU MA MK MN PL RO RU SE Si SK Sm So Sr SS TJ TM TN TR T-S UA Ui Uk UZ VI YU Tm VI Ao Sr Uk Aq Or Sm Tt Cb Kt Kw Ty Om Pw Ka Rk Tar Sau Ssn Mn Buc At Bn Mu Trt Kts Ur Aa Ku Sem Tk Ui TeA KuA DsA Bc Ab Sro Qba Msw Ak Kd Mz Elb Kp Sju Cc Bc BtNa Hr 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80 01A 01H 01K 04D 04Db 05A 06B 06C 06D 06G 06H 06K 06N 06R 06Rd 06V 06N 06Z 12A 12Ab 12E 12Eb 13A 13Ab 13G 13Gv 13Gü 13Gw 21N 21Nb 27D 27E 30B 30Br 31A 44F 44Fb 44L 44Lc 44O 44Od 44Oi 46D 46F 46Ff 46G 46Gf 56F 58G 58Gg 58Gj 58Gk 58R 58Rb 65D 65Dc 65E 65Eb 65F 65Fc 65Fd 65Fe 65Fg 65Fi 65Fj 65Fç 65Ft 65Fx 65Fz 65K 65Kb 65G 65Ga 65Gm 65Gn 65Go 65Gp 65Gq 65Gs 65K 65Kc 65Kl 65Kr 65Kş 65Ku 65Kü 65N 65Nb 65Np2 65Np3 65Np4 65Np5 65Nr2 65Nr3 65Nr4 65Nr6 65Nm 66A 70C 70Cb 73A 73Ad 73Ad2 76C 76D 76Da 76Dg 78D 78Da 80B 80Bc 80Bd Bionomy: Larva on Sesleria, Festuca, Stipa, Poa (Eckstein, 1913); Bromus erectus, Festuca ovina (Tolman, 1997).

114. **Coenonympha (s.str.) arcania (Linnaeus,1761)** (Satyridae) Synonym(s): *arcania* Linnaeus,1761; *amyntas* Poda,1761; *cephalus* Fourcroy,1785; *naidion* Borkhausen,1788; *huebneri* Oberthür,1910; *saleviana* Fruhstorfer,1910; *trumpans* Fruhstorfer,1910; *caucasica* Jachontov,1914; *fulvosatura* Verity,1935. Taxonomical Reference: Papilio arcania Linnaeus,1761, Fauna Suecica (2): 273-274. Syntypes: Sweden. Range (in code): Co F2o Sa El Si Cr AL AT Ba BE BG BY CH CZ DE DK EE ES FR GR HU IT Kr LT LU LV NL NO PL PT RO RU SE SK Sm So Sr TR Cc UA VI YU Bs Or Tt Cb 03 05 06 08 10 14 16 17 18 25 26 29 31 34 36 37 39 42 43 52 55 57 58 60 66 67 75 76 78 81 05A 06R 14I 14Ib 25F 25Fb 39C 66A 78D 78Da Bionomy: Larva on Poa pratensis, Melica ciliata, Holcus lanatus (Tolman,1997).

115. **Hipparchia (Neohipparchia) fatua (Freyer,1844)** (Satyridae) Synonym(s): *fatua* Freyer,1844; *sichaea* Lederer,1857; *insularis* Turati,1929; *elineata* Verity,1937; *infracastanea* Verity,1938; *kosswigi* De Lattin,1950. Taxonomical Reference: Papilio fatua Freyer,1844, Neuere Beitr. Schmett. 5:54. Lectotype ♂: [Türkei]: Kedos [Gediz] (Kudrna, 1977: 132). Range (in code): Ae AL BG Cc GG GR HV IL Pa Hf IQ IR Ab Mak Ak Elb Th Fa JO LB Rd SY TM TR 01 02 03 04 05 06 07 08 09 10 11 16 17 20 21 23 24 25 27 30 31 32 33 34 35 36 39 42 43 44 45 46 48 50 51 57 58 60 62 65 70 71 73 74 75 77 78 80 05A 06N 06R 06Rd 25F 25Fa 27C 27Cb 31A 31B 31L 35T 35Tb 39C 46F 46Ff 46G 46Gf 46L 48A 48Aa 48Ak 48D 62D 65D 65Do 65Dt 80B 80Bc

116. **Hipparchia (Neohipparchia) parisatis (Kollar,[1849])** (Satyridae) Synonym(s): *parisatis* Kollar,[1849]; *macrophthalmus* Eversmann,1851; *malatinus* Heyne,1894; *ismail* Gross & Ebert,1975; *huochenensis* Huang & Zhou,2000. Taxonomical Reference: Satyrus parisatis Kollar,[1849], Denkschr. Akad. wiss. Wien 1: 51. Lectotype ♂: [Iran]: Pers[ia]: Shiraz (Kudrna, 1977:143). Range (in code): AF Kab Nu Hr BlM Bd Shv Ng AM Cc IN IQ IR Ab Fa Ss Elb Th Kp AE OM TM TR Bl Ci Gg Hu Nwf PK Abb Thu Koh K-P CN Ui 04 08 12 13 21 23 24 25 30 31 36 44 46 47 56 58 62 63 65 73 76 23C 23Cc 24E 25F 25Fa 30B 30Br 31M 47H 56F 58G 58Gd 62F 65D 65Dp 65Dx 73A 73Ad 73Ad2 76D 76Da

117. **Hipparchia (Parahipparchia) aristaeus (Bonelli,1826)** (Satyridae) Synonym(s): *aristaeus* Bonelli,1826; *sardoa* Spuler,1908; *rautheri* Krause,1912; *ichnusa* Hemming,1931; *algorica* auct. Taxonomical Reference: Papilio aristaeus Bonelli,1826, Mem. Accad. Sci. Torino 30: 177-179, Taf. 2 fig.1. Type(s): Italia: Sardinia, Genargentu (praeocc. by Papilio aristaeus Cramer,[1780]). Range (in code): MA Azr TN DZ BtNa Lbs Clo Blid Saia Ges Co Sa Si El F2o IT FR TR Cc 01 03 05 06 07 09 11 13 14 16 17 18 20 22 26 27 31 32 33 34 35 37 39 40 42 43 45 46 48 51 58 60 66 67 70 71 75 78 80 01E 01Ea 05A 06B 06C 06D 06K 06N 06R 06Rd 06V 07A 07Ak 07G 13C 13Cd 27C 27Cb 31B 45L 45La 48A 48Ak 66P 66Pa Bionomy: Larva on Lygeum spartum (Tolman,1997).

118. **Hipparchia (Parahipparchia) mersina (Staudinger,1871)** (Satyridae) Synonym(s): *mersina* Staudinger,1871; *malickyi* Kudrna,1977. Taxonomical Reference: Satyrus semele var. mersina Staudinger,1871, Cat. Lepid. eur. Faunengeb. (2): 28. Lectotype ♂: Türkei: Smyrna [Izmir] (Kudrna,1977: 88). Range (in code): GR Sms TR 01 07 10 16 17 27 31 32 33 34 35 42 45 46 48 51 70 80 01H 01E 01Ea 01K 01G 01D 07A 07Ah 07Ae 07B 27C 27Cb 31B 45L 45La 46B 46Bb 46E 46Eb 46G 46Gi 48A 48Al 48Aş 48Au 80B 80Ba 80C

119. **Hipparchia (Parahipparchia) pellucida (Stauder,1924)** (Satyridae) Synonym(s): *pellucida* Stauder,1924; *cotys* Jachontov,1935; *hesselbarthi* Kudrna,1976. Taxonomical Reference: Satyrus semele ssp. pellucida Stauder,1924, Mitt. münch. ent. Ges. 14(1/5): 64-65. Lectotype ♂: [Azerbaidjan]: Terter [Mir-Baschir] (designated by Kudrna,1977: 92) (in BMHN). Range (in code):

AM AZ Cm Cc GG GR Ika IQ IR Ab Ak Le TR Arr UA 01 02 05 08 12 13 14 21 23 24 25 27 29 30 31 33 35  
36 37 44 46 47 51 55 60 61 63 65 66 72 73 74 75 76 78 80 01E 01Ea 05A 12B 13G 14I 14Ib 25F 25Fa 27C  
27Cb 31B 31E 31F 31Fb 31M 35T 35Td 46G 46Gi 46K 46Ka 46L 56F 65D 66A 75F 75Fc 76A 76Ab 78D 78Da  
80B 80Bc 80C

120. **Hipparchia (s.str.) syriaca (Staudinger,1871)** (Satyridae) Synonym(s): *syriaca* Staudinger,1871; *attikana* Fruhstorfer,1907; *meschetica* Jachontov,1915; *tokatensis* Gross,1959. Taxonomical Reference: *Satyrus hermione* var. *syriaca* Staudinger,1871, Cat. Lepid. Eur. Faunengeb. (2): 27. Lectotype ♂: [Lebanon]: Beirut (Kudrna, 1977:40). Range (in code): Ae AL BG B-H CY GR HV IQ IR Ab LB Bei MK Rd RO TR Cc YU SY 01 03 05 06 07 08 09 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 47 48 51 52 55 58 60 62 64 65 66 68 71 72 73 74 75 76 77 78 80 01H 01K 05A 06R 06Rd 07A 07B 12E 12Ec 13G 21N 21Nb 24E 24Ea 25F 25Fa 30D 30Dt 35T 35Td 48A 48Ai 48D 56F 62D 62F 65F 65Fj 65N 65Np 65Nm 66A 66P 72E 72Eg 73C 73Cd 73D 73Db 73Df 75F 75Fc 78D 78Da 79B 80B 80Bc 80Bd

121. **Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) Synonym(s): *lupina* Costa,[1836] Taxonomical Reference: *Satyrus lupinus* Costa,[1836], Fauna Regno di Napoli...:[69], [311], pl.4 figs.3,4. Syntypes: Italia: Napoli: Otranto, Bosco di Guagnano.. Range (in code): At Bn Ae AF AL AM Ao AZ Ba B-H Cr CY CZ DZ ES Mu FR GG GR HU Hr HV IL IQ IR IT JO KG KK LB MA MK MN PK PT Rd RU Si SK Sm Sr SS TJ TM TR UA UZ VI YU Uk Aq Ky Syr Tm Db Aa Tk Ka Kt Ty Pw Sp Mn Or Bs Sm Kg Sau Mrk Tar Dsa IiD T-S SY Tls CN Ui Ii Ku Sju Hr Ax Kh Kp Cc Ab Sro Qba Jal Lbs Sbd Abe Dje Ktr Khh Btina BLM Kab Bl Bnu 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 78 80 04D 04Db 05A 06B 06C 06D 06H 06K 06R 06Rd 06V 13A 13Ab 13Ac 13Ad 13D 13Da 13G 13Ga 13Gv 13Gw 21N 21Nb 25F 25Fa 27C 27Cb 31M 44F 44Fb 44O 44Oi 45L 45La 46F 46G 46Gi 46K 46Ka 48A 48Ab 48Ad 48Ah 48Ae 56F 58R 58Rb 63D 65D 65Dc 65Do 65E 65Eb 65G 65Ga 65Gd 65Ge 65Gn 65Go 65Gp 65Gs 65F 65Fb 65Fc 65Fe 65Fg 65Fh 65Fj 65Fi 65Fl 65Fr 65Fq 65Fu 65Fü 65Ft 65Fx 65Fz 65K 65Kg 65Kl 65Kö 65Kö 65Ks 65Kü 65Kw 65N 65Nb 65Np 65Np1 65Nr2 65Nr3 65Nm 66A 72E 72Eb 72Eh 72F 73D 73Df 76D 76Dc 76Dg 80B 80Bc

122. **Kirinia (Melike) roxelana (Cramer,[1777])** (Satyridae) Synonym(s): *roxelana* Cramer,[1777]; *#anatolica* Koçak,1989 Taxonomical Reference: *Papilio roxelana* Cramer,[1777], Utitl. Kapellen 2:101, pl.161, figs. C-F. Syntypes: [Türkei]:Constantinopel [=Istanbul], Smyrna [=Izmir]. Range (in code): Ae AL BG Cc Cm CY GR Rd RO RU LB IQ IR Ab Lo TR UA YU SY 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 58 59 60 62 65 66 71 72 73 78 80 01K 05A 06B 06C 06G 06R 06Rd 07B 07Bb 07F 07M 12B 13B 13Ba 13C 13Cf 15A 21N 21Nb 21P 23C 23Cc 23D 23Dc 23M 24E 24Ea 27C 27Cb 31M 39C 42D 42Dc 44A 44Aa 44L 45L 45La 46G 46Gf 47D 47Da 47F 47Fa 48A 48Ab 48Ah 48Ae 48Ai 48Ak 48D 48F 49E 49Ea 56A 56B 56F 56Fc 62F 62G 62Ga 65D 65Do 65Dk 65Do 66A 72F 73C 73Cd 73D 73Df 78D 78Da 80A 80B 80Bc 80C

123. **Lasiommata maera (Linnaeus,1758)** (Satyridae) Synonym(s): *maera* Linnaeus,1758; *pandion* Poda,1761; *hiera* Fab.,1777; *maja* Fuchs,1873; *monotonia* Schilde,1885; *crimea* Bang-Haas,1907; *atabryris* Fruhstorfer,1909. Taxonomical Reference: *Papilio maera* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 473. Type(s): Suecia (vide Linnaeus,1746 Fauna Suecica (1): 238). Range (in code): Ae AL Cc AM At Bn AT AZ Ba BE BG B-H Bs BY Cb CH Cr CY CZ DE DK EE ES Mu FI FR GG GR HU HV IL IT KG Kg Kr Kw LB LT LU LV MK Mn NL No NO Om Or PL Pp PT Rd RO RU SE Si SK Sm So Sp Sr SS Tk TR Tt Ty UA Uv VI YU At Sau Mrk Tar Dsa Cb Kg Pp Kw Ty Pw SY Sb T-S Arr Pa Hf CN Ui Mu18 Cc Pja Kis Tbl Ab MA DZ Rf Lkr Dju 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 50 51 52 53 56 57 58 60 61 62 65 66 67 68 71 73 74 75 76 78 80 01D 01G 01H 01K 05A 06B 06G 06K 06R 06Rd 13G 13Gv 13Gw 21N 21Nb 25F 25Fa 25Fb 27C 27Cb 31K 31Ka 31M 46F 46G 46L 48A 48Ag 48D 56F 58G 58Gi 65D 65Do 65F 65Fc 65Fe 65Fq 65Fz 65K 65Kc 65Kl 65Km 65Kö 66A 80B 80Bc 80C Bionomy: Larva on Festuca ovina, F. rubra, Holcus mollis, Luzula luzuloides, Agrostis capillaris, Hordeum murinum, Nardus stricta, Calamagrostis epigejos, C. arundinacea, C. varia, Glyceria fluitans, Deschampsia flexuosa (Tolman, 1997).

124. **Lasiommata megera (Linnaeus,1767)** (Satyridae) Synonym(s): *megera* Linnaeus,1767; *caledonia* Verity,1911; *alticola* Verity,1911; *pseudoadrasta* Stauder,1922; *infrapallens* Verity,1922; *ocellator* Verity,1923; *pallidedepulverata* Verity,1923. Taxonomical Reference: *Papilio megera* Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 771, nr.142. Range (in code): Ae AL AT BE BG B-H BY CH Co Cr CY CZ DE DK EE ES Mu Mu18 FI FR GB GR HU HV IE IL IQ Dy IR Ab Qba Jal Ak Msw IT Kp Kr LB LT LU LV MK MT NL NO PL PT Rd RO RU Sa SE Si SK Sm So Sr SS SY TM TR Cc JO UA VI YU Cw Dv Smt H-W Sur Ssx Ken DZ MA TN Ski Ktr Dja Mkn Masc Ndr Saia Orn Agi Blid Ges Dje Bsk Btina Lbs Khh Cst Ess Mzg Hrh Ahr Azr Rbt 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 75 76 77 80 01D 01E 01Ea 01G 01H 05A 06B 06G 06K 06N 06P 06R 06Rd 06S 06Z 13G 13Ga 13Gv 13Gk 13Gm 13Go 13Gs 13Gü 13Gw 21N 21Nb 25F 25Fa 25Fb 27C 27Cb 31K 31Ka 39C 44A 44Ab 44L 44Lc 45L 45La 46G 48A 48Aa 48Ad 48Ab 48Ag 48Am 48D 56F 63E 65D 65Dd 65Dda 65G 65Gn 65F 65Fe 65Fj 65Fl 65Fq 65Fs 65Ft 65F3 65K 65Kg 65Kö 65N 65Np 65Nm 66A 72E 72Eb 73A 73Ad 73Ad2 73D 73Db 73Dg 75F 76A 76Ac 76Ad 80E Bionomy: Larva on Dactylis glomerata, Agrostis tenuis, A. gigantea, A. capillaris,



*Deschampsia flexuosa*, *Holcus lanatus*, *Festuca ovina*, *Brachypodium sylvaticum*, *B. pinnatum* (Poaceae) (Manley & Alcard, 1970; Tolman, 1997).

**125. *Maniola (Telmessiola) telmessia* (Zeller, 1847)** (Satyridae) Synonym(s): *telmessia* Zeller, 1847; *pallescens* Butler, 1868; *kurdistanica* Heyne, 1894; *oreas* Le Cerf, 1912; *maniolides* Le Cerf, 1912; *ornata* Turati & Fiori, 1930; *marenigrans* Verity, 1938; *pelekasii* Kattulas & Koutsafikis, 1978. Taxonomical Reference: *Hipparchia telmessia* Zeller, 1847, Isis 1847: 4. Syntypes 2♂ 4♀: [Türkei]: Makri [Fethiye]: [Greece]: Rhodus. Lectotype ♂: Marmaris (designated by Olivier, 1993) (in BMHN). Range (in code): Ae GR IL Pa Hf IQ IR Km Ab Lo JO LB Rd SY TR 01 02 03 07 09 10 12 13 15 17 20 21 23 27 30 31 32 33 35 42 44 45 46 47 48 51 56 62 63 65 70 72 73 80 01A 01E 01Ea 01G 01H 01K 12A 12Ab 12B 13C 13Cf 13D 13Da 13E 13Ea 13G 13Gd 21K 21N 21Nb 21P 23D 23De 23E 23I 23Ia 23Ib 23M 27C 27Cb 31M 35T 35Td 44O 44Oi 45L 45La 48A 48Ak 48Ab 48Aa 48Am 48Ac 48Ag 48Ai 48An 48Ao 48Aö 48Ap 48As 48Aş 48Au 48Aü 48Av 48D 30A 30Ab 30D 30Dt 44I 44L 44Lb 47D 47Da 47F 47E 56F 56Fc 56F1 58G 58Gi 58Gk 65D 65Dc 65Dk 65Dn 65Di 65Dla 65Dq 65Dm 65Dt 65F1 65Fz 65K 65Ku 65N 65Np 65Np8 65Nm 66F 72E 72Eb 72Ec 72F 73A 73Ad 73Ad2 73D 73Db 73Df 80B 80Bc 80Bd 80C 80E 80G

**126. *Maniola (s.str.) jurtina* (Linnaeus, 1758)** (Satyridae) Synonym(s): *jurtina* Linnaeus, 1758; *janira* Linnaeus, 1758; *lemur* Schrank, 1801. Taxonomical Reference: *Papilio jurtina* Linnaeus, 1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa; [Sweden (Verity, 1953)]. Range (in code): Ae AL AM Ao AT AZ Ba BE BG B-H Bw BY Ce CH Co Cr CZ DE DK EE ES FI FR GB GG GR HU HV IE IQ IR IT Kr LT LU LV MK MT NL NO PL PT RO RU Sa SE Si SK Sm So Sr SS TM TR UA VI YU Cw Dv Smt H-W Sur Ssx Ken PT Cn MA DZ TN ES MT F66 Sr Sm Or Bs Cb Tt So Ao KG Uk Mu Ab Ak Oru Msw Qba Gh Mz Elb Th Lo Kd Ha GlS Rbt Ndr Saia Agi Blid Ges Dje BSA Btina DhM Tun Cst Phv Lbs Hrh Hmk Sbd Tgr Azr AF Hr 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 78 80 81 01E 01Ea 01K 05A 06A 06B 06C 06D 06G 06H 06K 06R 06Rd 06Z 13G 13Ga 13Gv 14I 14Ib 23I 23Ia 23E 24E 24Ea 25F 25Fa 25Fb 25Fc 29A 29Ae 39C 44L 46B 46Bb 46F 46G 46Gf 46Gg 46Gi 49F 49E 49Ea 58G 58Ga 58Gg 58Gi 58R 58Rb 62F 62G 62Ga 62Gb 65D 65Do 65E 65Eb 65F 65Fc 65Fg 65Fh 65Fj 65Fq 65Fu 65Ft 65Fx 65Fz 65G 65Go 65Gq 65Gs 65F 65F1 65Fc 65Fz 65K 65Kz 65Kş 65Kl 65Kö 65Kü 65N 65Ne 65Np 65Nm 66A 66P 66Pa 75F 75Fi 78D 78Da 80B 80Bc Bionomy: Larva on *Poa pratensis*, *Lolium pratensis*, *Festuca rubra*, *F. arundinacea*, *Agrostis stolonifera*, *A. canina*, *Bromus erectus*, *Brachypodium pinnatum*, *Holcus lanatus*, *Avenula pubescens*, *Alopecurus pratensis* *Anthoxanthum odoratum* (Tolman, 1997).

**127. *Maniola (s.str.) megala* (Oberthür, 1909)** (Satyridae) Synonym(s): *megala* Oberthür, 1909; *maraschi* Pfeiffer, 1932; *antalyana* Tauber, 1970. Taxonomical Reference: *Epinephele janira megala* Oberthür, 1909, Etüd. lépid. comp. 3: 387. Lectotype ♂: [Turquie]: [Hatay Pr.], Akbes (designated by Bernardi, 1966: 38). Range (in code): GR Le TR 01 07 31 33 35 46 48 80 01A 01G 07B 07Bc 07M 07Mb 31B 31E 31L 31M 46B 46Bb 46G 46K 46Ka 48F 80B 80Bd 80Bc

**128. *Melanargia (Turcargia) syriaca* (Oberthür, 1894)** (Satyridae) Synonym(s): *syriaca* Oberthür, 1894 Taxonomical Reference: *Arge galathea* var. *syriaca* Oberthür, 1894, Etüd. Ent. 19: 18-19, pl.8 figs.6,8. Syntypes: [Turquie]: Akbes (in BMHN). Range (in code): TR IR Ab Kd 01 12 13 21 23 24 25 30 31 46 49 62 65 73 80 12A 12Aa 12C 12E 12Eb 12Ea 13D 13A 13G 13Ga 13Gv 24L 25D 30B 30Bo 31F 31Fb 31M 46G 46Gf 46Gi 46F 46Ff 46Fi 46L 49E 49Ea 49F 62E 62F 62G 62H 65D 65Do 65Di 65Dk 65F 65Fa 65Fb 65Fc 65Fd 65Fe 65Fg 65Fm 65Fq 65Fs 65Fz 65G 65Gb 65K 65Kö 80A 80Bd

**129. *Melanargia (Turcargia) titea* (Klug, 1832)** (Satyridae) Synonym(s): *titea* Klug, 1832 Taxonomical Reference: *Hipparchia titea* Klug, 1832, [in] Ehrenberg, Symb. Phys. Ins. 3: pl.29, figs. 15-18. Lectotype ♂: Lebanon: Beirut (designated by Wagener, 1983) (in ZMHB). Range (in code): IL Pa JO LB Bei SY TR 01 02 27 31 33 44 46 63 80 01A 01E 01Ea 01F 27C 27Cb 31A 31Aa 31B 31L 31La 31M 33A 33N 33P 33R 44F 46G 46Gf 46Gi 46K 46Ka 63B 63E 63G 63N 63Na 63M 80B 80Ba 80Bb 80Bc 80Bd 80E

**130. *Pararge aegeria* (Linnaeus, 1758)** (Satyridae) Synonym(s): *aegeria* Linnaeus, 1758; *meone* Cramer, 1782; *egeria* Ochsenheimer, 1807; *sardoa* Verity, 1908. Taxonomical Reference: *Papilio aegeria* Linnaeus, 1758, Syst. Nat. (Edn.10) 1: 473. Syntypes: Europa, Mauritania. Range (in code): Ae AL AM AT AZ Ba BE BG BY Ce CH Co Cr CY CZ DE DK DZ EE ES Mu Mu18 FI FR GB GG GR HU IE IT LB LT LU LV MA MT NL NO PL PT RO RU Sa SE Si SK Sm Sr TN TR UA VI YU Sr Or Bs Tt Cw Dv Smt H-W Sur Ssx Ken SY IQ IR Ab Sbd Agi Tth Rbt Tlm Saia Orn Blid Ges Ktr Bsk KhH Btina Cst Phv 01 05 06 07 08 09 11 13 14 15 16 17 18 20 21 25 26 27 28 29 30 31 32 33 34 35 38 39 41 42 44 46 47 48 52 53 55 56 58 60 61 67 73 74 75 77 80 81 05A 06R 13C 13Cd 21N 21Nb 27C 27Cb 30C 30Cb 31K 31Ka 31M 39C 44F 44Fb 44O 44Od 44Oi 44L 48D 48F 48L 56F 73D 73Df 73Dg 75F 75Fd 80C Bionomy: Larva on *Brachypodium sylvaticum*, *B. pinnatum*, *Holcus lanatus*, *Cynodon dactylon*, *Agrostis gigantea*, *Dactylis glomerata*, *Elymus repens* (Tolman, 1997).

**131. *Pseudochazara (Achazara) anthelea* (Hübner, [1824])** (Satyridae) Synonym(s): *anthelea* Hübner, [1824]; *atavirensis* Coutsis, 1973. Taxonomical Reference: *Papilio anthelea* Hübner, [1824], Samml. eur. Schmett. 1: pl.174, figs.861-862. Syntypes: [Kleinasien] (Hesselbarth et al., 1995: 962).

**Range (in code):** Ae AL BG B-H Cr CY GR MK Rd TR Cc IR Kd Mz 01 02 03 05 06 07 08 10 11 12 13 14 15 16 18 19 20 21 23 24 25 26 29 31 32 33 35 36 37 38 40 42 43 44 45 46 48 49 50 51 55 56 58 60 62 63 64 65 66 68 69 70 71 72 80 05A 06B 06C 06D 06H 06K 06N 06R 06Rd 13A 13Ab 14I 14Ib 20P 25F 25Fa 33K 33Kb 40D 40G 44E 44F 44Fb 44O 44Oi 45L 45La 46F 46Ff 46Fg 48Aa 48A 48Ab 48Ae 56F 64A 65D 65Dm 66A 70C 70Cb 71C 72E 72Eb 72Ed 72Eg 72Ek 80B 80Bc

132. **Pseudochazara (Achazara) telephassa (Geyer,[1827])** (Satyridae) **Synonym(s):** *telephassa Geyer,[1827]* **Taxonomical Reference:** *Eumenis telephassa Geyer,[1827]*, [in] Hübner, Samml. exot. Schmett. 2: Taf.[85] figs. 1-4. Type(s): unknown. **Range (in code):** AF Ng Jla Pag Kab Cc AZ Bl Gg Hyb Nwf IL Pa Hf IQ IR Ab Ak Shf Msw Ahw Ar Ara B-A Bk Brz Bu By Dzf Es Fa Gh Gor Ha Hz Il Kaz Kd Kh Km Kz Lo Ma Mz Qz Se Ss Th Yz Zj JO LB PK SY TM TR 01 02 12 21 23 27 30 31 36 44 46 47 50 56 62 63 72 73 76 80 56F 63D 63E 72E 72Eg 73D 73Df 76B 76Ba 76C 76D 76Da 80A

133. **Satyrus (s.str.(s.str.)) favonius Staudinger,[1892]** (Satyridae) **Synonym(s):** *favonius Staudinger,[1892]* **Taxonomical Reference:** *Satyrus favonius Staudinger,[1892]*, Dt. ent. Z., Iris 4: 239, pl.3 fig.1. Syntypes: [Türkei]: Malatia, Hadjin [=Saimbeyli], Eibes [=Akbes]. **Range (in code):** IR Ab Khy TS Lo Kd Sqg Bne TR Cc IQ 01 04 07 08 12 13 24 25 27 30 31 33 36 42 44 46 49 51 53 58 62 63 65 73 76 01K 07A 07Ak 13G 13Gw 25F 25Fb 30B 30Br 46F 46Ff 46Fj 46L 65D 65Dc 65Dç1 65Dp 65G 65Gp 65F 65Fe 65Fj 65Fi 65Fz 65K 65Kl 65N 65Nr4 65Nm 76D 76Da

134. **Ypthima asterope (Klug,1832)** (Satyridae) **Synonym(s):** *asterope Klug,1832; marlenii Kattulas & Koutsaftikis,1978*. **Taxonomical Reference:** *Hipparchia asterope Klug,1832*, [in] Ehrenberg, Symb. Phys. Ins. 3: pl.29 figs.11-14. Syntypes: Syrien, Arabien. **Range (in code):** Ad Ae AF Ng Jla As CY Dh EG GR Hd Hj IL Pa Hf IN Ass MM May Shn Mpr IQ IR JO KW LB OM PK Rd SA SY TR AE YE ZA Tva Lpo Spb Mpu Brb Wca Kru K12 Wv Kaa Ly Suw Wri Wb NA AO VN Ann TH 01 07 31 33 48 01A 01G 31K 31Ka 33A **Bionomy:** Larva on Poa annua in capture (Poaceae) (Hesselbarth,1983).

## Moths

Following 36 families, Adelidae, Alucitidae, Arctiidae, Autostichidae, Brachodidae, Brahmaeidae, Choreutidae, Coleophoridae, Cosmopterigidae, Cossidae, Ctenuchidae, Drepanidae, Ethmiidae, Gelechiidae, Geometridae, Lasiocampidae, Lecithoceridae, Lemoniidae, Limacodidae, Lymantriidae, Micropterigidae, Noctuidae, Notodontidae, Oecophoridae, Pterophoridae, Pyralidae, Saturniidae, Scythridae, Sesiidae, Sphingidae, Thaumetopoeidae, Thyatiridae, Tineidae, Tortricidae, Yponomeutidae, and Zygaenidae are represented by 535 species in the province.

### Adelidae

135. **Adela chlorista (Meyrick,1912)** (Adelidae) **Synonym(s):** *chlorista Meyrick,1912* **Range (in code):** TR 31

136. **Nemophora istrianaella (Heydenreich,1851)** (Adelidae) **Synonym(s):** *istrianaella Heydenreich,1851; dalmatinellus Zeller,1853; beyruthella Bruand,1858; chlorista Meyrick,1912* **Range (in code):** ES YU TR LB Bei 16 31 16A 31M

### Alucitidae

137. **Alucita cancellata (Meyrick,1908)** (Alucitidae) **Synonym(s):** *cancellata Meyrick,1908* **Taxonomical Reference:** *Orneodes cancellata Meyrick,1908*, Trans. ent. Soc. Lond. 1907: 510. Lectotype ♂: "Alma Dagh, Asia minor", designated by Whalley [in] Scholz & Jäckh (1994). **Range (in code):** FR IT RO YU TR RU MD UA BY SY Dms IL Js IR Kh Kd Bne Lo Gl Ks MK B-H HV SS 06 31 42

138. **Alucita cinerethella Amsel,1935** (Alucitidae) **Synonym(s):** *cinerethella Amsel,1935* **Range (in code):** TR CY IL Pa IR Fa Shr 31 31M

139. **Alucita hexadactyla Linnaeus,1758** (Alucitidae) **Synonym(s):** *hexadactyla Linnaeus,1758; polydactyla Hübner,[1813]; poecilodactyla Stephens,1835; #cartereaui Jourdhueille,1883* **Taxonomical Reference:** *Alucita hexadactyla Linnaeus,1758*, Syst Nat. (Edn.10) 1: 542. Type(s): Europa. **Range (in code):** MA TN Dh PT ES FR Co Sa IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU GR Cr TR DK NO SE FI



LV LT RU Cc AZ KG Uk 05 31 46 05A 31M Bionomy: Larva on Phlomis flower (Lamiaceae) (Staudinger,1880).

## Arctiidae

140. **Arctia (Epicallia) villica (Linnaeus,1758)** (Arctiidae) Synonym(s): *villica* Linnaeus,1758; *corsica* Oberthür,1911; *niceensis* Oberthür,1911; *britannica* Oberthür,1911; *meridionalis* Heinrich,1923. Taxonomical Reference: Phalaena villica Linnaeus,1758, Syst. Nat. (Edn.10)1: 501. Syntypes: [Europa]. Range (in code): PT FR Co IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Rd TR LV LT RU Kg Ur Cb Sb MD UA Cm BY Cc GG AZ Kir Len AM IR LB Bsa IL Pa KK 01 03 04 05 06 07 10 13 14 15 16 17 19 21 22 29 32 31 33 34 36 37 42 46 48 56 60 61 64 66 71 75 03C 03Ca 05A 05G 06R 06Ra 07B 07C 10D 10N 13C 13F 14I 14Ib 16A 17E 17H 17M 19G 21N 21Nb 30B 30Bf 30Bd 30Be 30Bg 31M 33A 33Aa 33E 34B 36D 36De 37P 42D 43M 48L 56F 60C 61K 61Ka 64A 65D 65Dlc 65Ds 73C 73A 73Ab 73Cd 75F 75Fe Bionomy: Larva on Achillea (Asteraceae), Fragaria, Lamium, Stellaria (Lamiaceae); Urtica (Urticaceae) (Meyer,1919).

141. **Cymbalophora oertzeni (Lederer,1855)** (Arctiidae) Synonym(s): *oertzeni* Lederer,1855 Range (in code): IL Pa Hf LB Bei TR IQ IR Fa 13 31 44 56 63 13C 13Cf 31L 31Lg 31La 31A 31Aa 44F 44Fb 56F 56Fi 63D

142. **Diaphora mendica (Linnaeus,1761)** (Arctiidae) Synonym(s): *#mendica* Clerck,1759; *mendica* Linnaeus,1761; *rustica* Hübner,[1791] Taxonomical Reference: Phalaena mendica Linnaeus,1761, Fauna Suecica (2): 299, nr.1127. Type(s): Suecia. Range (in code): PT ES FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Tbl Bjo Lag Kir AZ Da Der IR Gh SY JO LB Bsa DK NO SE FI EE LV LT RU MD UA BY 05 07 10 12 16 24 31 33 35 36 44 46 49 51 56 60 65 05A 07C 10U 16A 31K 31Ka 31L 31C 33E 36F 49E 49Ea 51D 56F 60C 65D 65Dlc 65Ds 65Dy 65F 65Fg 65Fr

143. **Muscula muscula (Staudinger,1899)** (Arctiidae) Synonym(s): *muscula* Staudinger,1899 Taxonomical Reference: Lithosia muscula Staudinger,1899, Dt. ent. Z., Iris 12: 156. Type(s): [Türkei]: Gjaur Dagħ [Amanos]. Range (in code): TR GR Rd IQ Shq LB Bei CY SY IL Pa IR Mz 01 07 31 33 35 46 56 71 01H 07B 56F

144. **Ocnogyna (s.str.) bellieri (Lederer,1855)** (Arctiidae) Synonym(s): *bellieri* Lederer,1855; *banghaasi* Staudinger,1895. Taxonomical Reference: Arctia bellieri Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 203. Syntypes: [Libanon]: Beirut. Range (in code): LB Bei TR IQ Dia Su 01 02 07 31 33 42 46 63 01A 02 07C 31A 31Aa 31L 31M 33G 33E 33P 63M

145. **Ocnogyna (s.str.) loewii (Zeller,1846)** (Arctiidae) Synonym(s): *loewii* Zeller,1846; *clathrata* Lederer,1855; *andresi* Draudt,1931. Taxonomical Reference: Trichosoma loewii Zeller,1846, Stettin ent. Ztg. 7:9. Type(s): [Türkei]: Kleinasien: Tal südlich Istenas. Range (in code): GR Rd TR LB Bei IL Pa Hf EG LY Cy IR Ak Tbz Ke AF IQ 01 07 13 15 27 30 31 32 33 56 65 80 13C 13Cd 13G 13Gd 15D 27B 30B 30Bg 32E 31A 31Aa 31L 33N 56F 56Fb 56Fo 65F 65Fp 65Fz 65N 65Nc 80B 80Bc 80G

146. **Paidia (s.str.) albescens (Staudinger,1892)** (Arctiidae) Synonym(s): *albescens* Staudinger,1892 Taxonomical Reference: Nudaria murina var. albescens Staudinger,1892, Dt. ent. Z., Iris 4: 250. Syntypes: [Türkei]: Antiochia [=Antakya], Hadjin [=Saimbeyli]. Range (in code): TR LB Bsa 01 31 33 46 33G 46G 46Gf

147. **Utetheisa (s.str.) pulchella (Linnaeus,1758)** (Arctiidae) Synonym(s): *pulchella* Linnaeus,1758; *pulchra* [Denis & Schiffermüller],1775; *thyter* Butler,1877; *shyama* Bhattacharjee & Gupta,1969; *menoni* Bhattacharjee & Gupta,1969. Taxonomical Reference: Phalaena pulchella Linnaeus,1758, Syst. Nat. (Edn.10) 1: 534. Syntypes: Europa, Mauritania. Range (in code): CV Az PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Rd Cr TR DK LV LT RU MD UA BY IL Pa Hf IR Kz Ss Kd Ke CY GG AZ Len Cc AM KG ZR ZA Ec Nta Kzu Gau Pre Spb Mdk Ent Tva Lpo AF Ca Kab Asm Nu Bsg CN Ui GP IQ Agh TH CMa Knc Sbu Ab Oru Gh Mz Kh GlS Se Th Qz Kd Bne Mrv Snj Lo Km Il Es Yz By Bk Fa Ke Ss Hz Bu Kz Tbl Bjo Smt Lag Der Da Bak Len PK Nwf Pes Bt Skd Bl Cp SO IN Cn Md ID Ja VN LK Cob Pdy Dck AU Bhh SO Zai YE Ad MA DZ TN Afl Ess Tun Tgr Khh BtNa Ktr BSa Gha Dje Ges Agi Gle Hdd Bsk Ah Ajj 01 05 07 13 16 21 30 31 33 36 44 46 47 48 56 58 63 65 73 01H 05A 07B 13F 16A 21F 30B 30Bh 31K 33F 36D 44I 44Ic 44L 44Lb 44Lc 36Db 56A 56F 56Fh 58N 63B 63D 65F 65Fe 65N 65Np 65Nm 73D 73Db Bionomy: Larva on Echium vulgare, Heliotropium indicum [na guang chang], Myosotis arvensis (Boraginaceae), Solanum tomentosum (Meyer,1919; Lewvanich,2001)

## Autostichidae

148. **Aprominta bifasciata (Staudinger,1870)** (Autostichidae) Synonym(s): *bifasciata* Staudinger,1870; *virginella* Rebel,1902. Range (in code): GR TR LB IQ 01 16 31 33 35? 42 46 51 16A 31M

149. **Aprominta syriacella (Ragonot,1895)** (Autostichidae) Synonym(s): *syriacella* Ragonot,1895 \_Symmoca syriacella Ragonot,1895, Annls Soc. ent. Fr. 1895 (Bull.): cviii. Type ♂: [Turquie]: Akbès (NMHN Paris). Range (in code): **TR 31 31M**
150. **Dysspastus undecimpunctellus (Mann,1864)** (Autostichidae) Synonym(s): *undecimpunctellus* Mann,1864; *cinerascens* Gozmany,1968 \_ Range (in code): **RO HV MK AL GR CY TR 01 16 31 33 51 16A 31M**
151. **Symmoca (s.str.) pyrrhella Ragonot,1895** (Autostichidae) Synonym(s): *pyrrhella* Ragonot,1895; *zeitunella* Rebel,1902; *straminella* Gozmany,1986 Taxonomical Reference: *Symmoca pyrrhella* Ragonot,1895, Annls Soc. ent. Fr. 1895 (Bull.): cvii. Holotype ♂: [Turquie]: Akbès (MNHN Paris). Range (in code): **TR 06 31 46 31M 46G 46L**

## Brachodidae

152. **Brachodes beryti (Stainton,1867)** (Brachodidae) Synonym(s): *nana* Lederer,1855 *nec* Treit.,1834; *beryti* Stainton,1867 Range (in code): **LB Bei GR Pl TR 01 07 27 31 33 01K 07C 07Cc 27B 31B 33H**
153. **Brachodes buxeus Kallies,2001** (Brachodidae) Synonym(s): *buxeus* Kallies,2001 Taxonomical Reference: *Brachodes buxeus* Kallies,2001, Nota lepid. 25 (1): 14-17, figs. Holotype ♂: Turkey: Amanus Mts. Eybiz [Akbes] (BMNH). Range (in code): **TR 01 07 31 42 01K 07A 31M 42D**
154. **Brachodes candefactus (Lederer,1858)** (Brachodidae) Synonym(s): *candefacta* Lederer,1858; *diacona* Lederer,1858 Taxonomical Reference: *Atychia candefacta* Lederer,1858, Wien. ent. Monatschr. 2: 151, Taf.4 fig.9. Type ♀: Syria: Damask (MNHB). Range (in code): **SY Dms TR IR Elb Mz Zj LB Bsa 01 13 21 24 25 31 33 46 49 58 65 01K 01L 01La 13G 13Go 13Gw 24B 24Bb 25A 25Ab 31M 33H 46L 58R 65G 65Ge**

## Brahmaeidae

155. **Brahmaea (s.str.) ledereri Rogenhofer,1873** (Brahmaeidae) Synonym(s): *ledereri* Rogenhofer,1873 Taxonomical Reference: *Brahmaea ledereri* Rogenhofer,1873, Verh. Zool.- bot. Ges. Wien 23: 754. Type: Cilik. Taurus, Külek. Range (in code): **SY Hal TR 07 23 24 30 31 33 46 62 65 73 80 30B 31M 33H 46G** Bionomy: Larva on *Phillyrea latifolia* (Rogenhofer,1873; Staudinger,1879); *Fraxinus excelsior* [sic] (De Freina,1982, 1985), recte *Fraxinus angustifolia* (Kemal & Koçak).

## Choreutidae

156. **Prochoreutis stellaris (Zeller,1847)** (Choreutidae) Synonym(s): *stellaris* Zeller,1847; *irradiata* Meyrick,1913 Taxonomical Reference: *Choreutis stellaris* Zeller,1847, Isis 1847: 642. Type(s): Sicilia: Syracuse. Range (in code): **FR BE Si IT CH AT SK HU AL GR Cr BG TR RU Da Cc IR Mz Elb 16 31**

## Coleophoridae

157. **Coleophora trifariella Zeller,1849** (Coleophoridae) Synonym(s): *trifariella* Zeller,1849 Range (in code): **PT ES FR IT BE NL DE CH AT PL CZ SK HU RO YU TR RU MD UA BY 31 31F** Bionomy: Larva on *Genista*, *Sarothamnus*, *Cytisus*, *Coronilla*, *Spartium* (Fabaceae) (Baldizzzone,2007).

## Cosmopterigidae

158. **Eteobalea serratella (Treitschke,1833)** (Cosmopterigidae) Synonym(s): *serratella* Treitschke,1833; *sareptensis* Walsingham,1907; *cinereocapitella* Caradja,1920 Taxonomical Reference: *Oecophora serratella* Treitschke,1833, [in] Ochseneheimer, Schmett. Eur. 9 (2): 168-169. Syntypes: [Deutschland]: Dresden, etc. Range (in code): **MA Rbt DZ Agi Phv PT ES FR Co Si IT CH CZ SK AT HU HV SS YU MK DE PL RU BG GR TR UA Cc AM AZ MT YU LB Bsa SY Hal IL Pa RU Sr KG Uk 05 06 16 31**



**38 42 46 76 31M 76C** Bionomy: Larva on *Linaria vulgaris*, *L.genistifolia* ssp.euxina (Scrophulariaceae) (Saner,1991).

**159. Eteobalea siciliae (Riedl,1966)** (Cosmopterigidae) Synonym(s): *siciliae* Riedl,1966  
Range (in code): **ES Si DZ TR 31 31Lg**

**160. Pyroderces argyrogrammos (Zeller,1847)** (Cosmopterigidae) Synonym(s): *argyrogrammos* Zeller,1847; *goldeggiella* Herrich-Schäffer,[1853] Taxonomical Reference: *Cosmopteryx argyrogrammos* Zeller,1847, Isis 1847: 37-38. Syntypes: Kleinasien: Adirnas [Edirne]; Italia: Sicilien, Rom. Range (in code): **MR MA DZ Cn PT ES FR Co Sa Si IT MT CH AT CZ SK HU RO YU AL BG GR Cr CY TR KG Uk LB Bei Bsa RU MD UA BY SY IL Pa IR Elb Dam Gor Gls Kh 05 16 22 31 48 75 05A 16A 31K 31Ka 31Ka3 48L 75F 75Fd** Bionomy: Larva on *Carlina*, *Centaurea*, *Carduus nutans*, *C.pycnocephalus*, *Cnicus benedictus*, *Scolymus hispanicus* (Asteraceae) (Riedl,1969; et seq.).

**161. Toliella fulguritella (Ragonot,1895)** (Cosmopterigidae) Synonym(s): *fulguritella* Ragonot,1895; *copidobathra* Meyrick,1936. Taxonomical Reference: *Stagmatophora fulguritella* Ragonot,1895, Bull. Soc. ent. Fr. 1895: cviii-cix. Type ♂: [Turquie]: Akbes (NHMN Paris). Range (in code): **TR LB Bsa JO IQ Hjo Er 31 46 63 31M 63E**

## Cossidae

**162. Dyspessa pallidata Staudinger,1901** (Cossidae) Synonym(s): *#pallidata* Staudinger,1892; *pallidata* Staudinger,1901; *nigrita* Wagner,1931; *dueldueli* Daniel,1939. Range (in code): **TR LB Bsa Cc AM IR Ss GG Smt Akh RU 01 03 05 31 42 46 58 46G 46Gi 58N**

**163. Dyspessacossus fereidun Groum-Grshimailo,1895** (Cossidae) Synonym(s): *fereidun* Groum-Grshimailo,1895; *firdusi* Wagner,1937. Range (in code): **IR Elb Th Cc AM IQ Ry Shq TR CN Ui 30 31 33 46 65 73 30B 30Bc 30Bc1 30Bd 30C 30Cd 30D 30Da 30Dp 30Dt 65D 73A 73Aa**

## Ctenuchidae

**164. Amata aequipuncta (Turati,1917)** (Ctenuchidae) Synonym(s): *aequipuncta* Turati,1917; *#aequipunctata* De Freina,1994 Taxonomical Reference: *Syntomis aequipuncta* Turati,1917, Atti Soc. ital. Sci. Nat. 56: 216, 224, t.2 figs. 17-20. Holotype ♂: [Turkey]: Eibes [Akbes] (coll. Turati). Range (in code): **TR Cc SY LB IQ 01 05 31 32 33 36 46 51 58 01H 05A 31M 32C 33N 36F 46G 46F 46Fg 51D 51Da 58G**

**165. Amata antiochena (Lederer,1861)** (Ctenuchidae) Synonym(s): *antiochena* Lederer,1861; *tricingulata* Culot,1909 Taxonomical Reference: *Syntomis antiochena* Lederer,1861, Wiener ent. Monatsch. 5: 151, Taf.1 figs. 13-14. Syntypes: [Türkei]: Antiochien (ZMHUB). Range (in code): **TR LB Bei SY 31 33**

**166. Amata taurica (Turati,1917)** (Ctenuchidae) Synonym(s): *#taurica* Hampson,1898; *taurica* Turati,1917. Taxonomical Reference: *Syntomis taurica* Turati,1917, Atti Soc. ital. Sci. Nat. 56: 221, 231, t.4 fig. 12. Type(s): [Turkey]: Taurus. Range (in code): **TR SY 31 31M**

**167. Dysauxes (s.str.) famula (Freyer,1836)** (Ctenuchidae) Synonym(s): *famula* Freyer,1836; *hyalina* Freyer,1845; *ragusaria* Zickert,1904; *herthina* Stauder,1921; *burgeffi* Draudt,1931; *taurica* Draudt,1931; *pseudoservula* Naufock,1933; *pontica* Friese,1959; *sofiata* De Laever,1983; *lucana* De Laever,1983. Taxonomical Reference: *Lithosia famula* Freyer,1836, Neuere Beitr. 2: 143. Type(s): [Slovenien]: Fiume [Rijeka]. Range (in code): **FR Co Si IT MT CH AT HU RO SS B-H HV MK YU AL BG GR Rd Cr TR Cc RU Us MN IQ Ry Rwz Kq IL Pa Hf IR Mz Gls Kh TM Kp Ch 01 04 06 07 08 10 11 12 13 14 16 17 21 23 25 30 31 33 34 36 38 42 44 45 46 50 56 59 60 65 71 73 76 01A 04A 06R 06Rb 06Re 07B 08H 10P 11E 12E 13G 13Gü 13Gw 21C 23I 25F 30B 30Bh 30Bd 30Be 33F 33G 33O 33N 33P 36F 38H 38Hc 42D 44I 44Ic 44O 46D 46G 46Gf 46Gi 50G 56E 56Eb 56F 59D 60C 65D 65F 65F1 65Fp 65Fz 65N 65Np2 65Nm 73C 73Ce 73D 73Db 76C** Bionomy: Larva on *Taraxacum* (Asteraceae) (De Freina & Witt,1987).

## Drepanidae

**168. Cilix asiatica A.Bang-Haas,1907** (Drepanidae) Synonym(s): *asiatica* A.Bang-Haas,1907; *depalpata* Strand,1913 Taxonomical Reference: *Cilix glaucata* var. *asiatica* A.Bang-Haas,1907, Dt. ent. Z., Iris 20: 70. Syntypes: [Türkei]: "Klein-Asien: Syrien: Mardin, Amasia". Range (in code): **GG Smt Akh Cc AM AZ Len UA Cm TR IL Hf Pa LB Bsa IR Elb IQ AF Srb Bsg 05 06 07 10 12 17 21 30 31 33 36 42**

45 46 47 49 50 56 58 60 65 71 73 05A 06R 06Rb 07A 07C 17M 21N 21Nh 30B 30Bh 31K 31Ka 36D 36Db 49E 49Ea 56F 58N 60G 65D 65Ds 65F 65Fp 65Fz 65N 65Np6 65Nm 73C 73Cd Bionomy: Larva on Crataegus, Prunus (Wiltshire,1957).

## Ethmiidae

169. **Ethmia quadrinotella (Mann,1861)** (Ethmiidae) Synonym(s): *quadrinotella* Mann,1861; *atticella* Caradja,1920; *galaxaea* Meyrick,1922. Taxonomical Reference: *Anesychia quadrinotella* Mann,1861, Wien. ent. Monatschr. 5: 191, Taf.3 fig.8. Lectotype ♂: [Türkei]: Amasia, designated by Sattler,1967: 53. Range (in code): CV MA DZ Bsk EG SA SD LY Cy TN BH IQ Kbl AF Ca Hr PK Gg Ch GR TR Cc AM Eri SY IL Hf Pa Js IR Elb Kdj Th AE 01 05 06 31 42 46 56 71 76 05A 31M 42B 56F 56Fm Bionomy: Larva on Heliotropium (Boraginaceae) (Sattler,1967).

## Gelechiidae

170. **Altenia mersinella (Staudinger,1879)** (Gelechiidae) Synonym(s): *mersinella* Staudinger,1879; *melanostictella* Ragonot,1895; *sagittella* Caradja,1920; *praedicta* Meyrick,1923; *trilobopis* Meyrick,1927 Taxonomical Reference: *Teleia mersinella* Staudinger,1879, Horae Soc. ent. ross. 15: 313-314. Type [without abdomen]: [Türkei]: Mersin (coll. Lederer). Range (in code): CY LB SY TR 31 33 31M

171. **Deltophora maculata (Staudinger,1879)** (Gelechiidae) Synonym(s): *maculata* Staudinger,1879 Taxonomical Reference: *Teleia maculata* Staudinger,1879, Horae Soc. ent. ross. 15: 314-316. Lectotype ♀: [Türkei]: Amasia (Kerasdere), selected by Sattler (1979: 283) (MNHU). Range (in code): GR Cr TR SY Hal LB Bei IL Js Pa JO Cc AM Eri GG Bjo Tbl Len AZ YE IR Elb Th Kh AF Kab TM 01 05 06 07 29 31 42 46 01E 01Ea 05A 06R 31M 42B

172. **Dirhinosisia nitidula (Stainton,1867)** (Gelechiidae) Synonym(s): *nitidula* Stainton,1867 Taxonomical Reference: *Gelechia nitidula* Stainton,1867, Tineina Syria and Asia Minor: 44. Lectotype ♂: Palestine, designated by Tokar & Gozmany (2004: 71) (coll.TNHM). Range (in code): IL Pa TR SY Ltk LB Say 07 12 31 07B 31F

173. **Harpagidia magnetella (Staudinger,[1871])** (Gelechiidae) Synonym(s): *magnetella* Staudinger,[1871]; *pallidibasella* Ragonot,1895; *melitophanes* Meyrick,1931 Taxonomical Reference: *Gelechia magnetella* Staudinger,[1871], Berl. ent. Z. 14: 310-311. Type: [Türkei]: "Magnesia" [Manisa Prov.] (coll.Lederer). Range (in code): TR Cc AM IL Pa LB Bsa IR Elb IQ Dia 16 23 30 31 45 46 56 63 65 16A 23M 30B 30Bc 30Bei 31M 56F 63D 65D 65Dl 65Dlc

174. **Isophrictis anthemidella (Wocke,1871)** (Gelechiidae) Synonym(s): *anthemidella* Wocke,1871 Range (in code): PT ES FR Co Sa Si IT LU DE CH AT PL CZ SK HU RO YU BG GR TR LB Bsa IL Pa Cc DK SE FI EE LV LT RU Ur MD UA BY IR Gl 05 06 31 35 46 56 65 71 73 75 05A 31M 56F 56Fg 65D 65Dl 73A 73Ak 75F 75Fk Bionomy: Larva on Achillea ptarmica, Anthemis tinctoria, Pyrethrum corymbosum (Asteraceae) (Wocke,1871; Elsner, Huemer & Tokar,1999).

175. **Isophrictis striatella ([Denis & Schiffermüller],1775)** (Gelechiidae) Synonym(s): *striatella* [Denis & Schiffermüller],1775; *tanacetella* Schrank,1802 Taxonomical Reference: *Tinea striatella* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 135. Type(s): [Austria]: Vienna district. Range (in code): PT ES FR Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Rd TR DK NO SE FI EE LV LT RU MD UA BY KG Uk 16 31 48 16A 31K 31Ka 48L Bionomy: Larva on Cota tinctoria, Pyrethrum corymbosum, Tanacetum vulgare (Asteraceae) (Elsner, Huemer & Tokar,1999).

176. **Metzneria agraphella (Ragonot,1895)** (Gelechiidae) Synonym(s): *agrapella* Ragonot,1895; *incognita* Walsingham,1904. Taxonomical Reference: *Parasia agraphella* Ragonot,1895, Anns Soc. ent. Fr. 64: 106. Type ♀: [Turquie]: Haute-Syrie, [Akbes] (MNHNP). Range (in code): MA DZ Bsk Hes Ktr TN Gf Sa Cr TR IL 31 46 31M

177. **Mirificarma (s.str. (s.str.)) aflavella (Amsel,1935)** (Gelechiidae) Synonym(s): *aflavella* Amsel,1935 Range (in code): GR Rd IL Hf Pa TR JO SY Hal 31 46 Bionomy: Larval foodplant unknown (Pitkin,1984).

178. **Nothris congressariella (Bruand,1858)** (Gelechiidae) Synonym(s): *congressariella* Bruand,1858; *declaratella* Staudinger,1859 Range (in code): TN Gf ES FR Sa Si IT GB CH YU GR IL Pa Hf TR 31 31M



## Geometridae

179. **Aleucis mimetes (Wehrli,1932)** (Geometridae) Synonym(s): *mimetes* Wehrli,1932  
Taxonomical Reference: *Bapta mimetes* Wehrli,1932, Mitt. münch. ent. Ges. 22: 7-8. Syntypes 133♂♀: [Türkei]: Syr. Taurus, Marasch [Kahramanmaraş]. Range (in code): **TR IQ 31 44 46 71**  
Bionomy: Larva on *Amygdalus*, *Crataegus*, *Prunus* (Wiltshire,1957).
180. **Aleucis orientalis (Staudinger,1892)** (Geometridae) Synonym(s): *orientalis* Staudinger,1892  
Taxonomical Reference: *Hybernina* (Anhibernina) *orientalis* Staudinger,1892, Dt. ent. Z., Iris 5: 170-171. Syntypes 2♂: [Türkei]: Amasia; [Israel]: Jerusalem. Range (in code): **IL Pa Js TR 05 21 31 46 56 05A 21N 21Nh 31M 56F**
181. **Aplasta ononaria (Fuessly,1783)** (Geometridae) Synonym(s): *ononaria* Fuessly,1783; *rubellata* Villers,1789; *rubicapraria* Hübner,1793; *sudataria* Hübner,[1817]; *ononata* Bellier,1861  
Taxonomical Reference: *Phalaena ononaria* Fuessly,1783, Arch. Insektengesch. 3: 1-2, pl.17 6 figs. 1-5. Syntypes: Schweiz. Range (in code): **PT ES Mu FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR CY IQ LB Bsa JO SY RU MD UA BY IL Pa He IR AM Cc 05 06 09 12 13 14 16 17 21 23 31 33 39 40 41 42 44 46 48 56 59 65 71 80 05A 12A 12Ab 13G 13Gd 16A 21N 21Nb 42B 44A 44Ab 56F 65D 65Dp 65F 65Fc 65Fo 65Fp 65Fc 65Fz 65Fg 65K 65Kc 65N 65Nd 65L 65Lb 65N 65Np6 65Np7 65Nr2 65Nr3 65Nm 80B 80Bc**  
Bionomy: Larva on "*Ononis spinosa*" (Fabaceae) (Fuessly,1783; et seq.).
182. **Apochima flabellaria (Heeger,1838)** (Geometridae) Synonym(s): *flabellaria* Heeger,1838; *marmararia* Buresch,1915. Taxonomical Reference: *Amphidasis flabellaria* Heeger,1838, Beiträge zur Schmett.: 6, pl.1 figs. 6-11. Syntypes: [Italia]: Sicilia: Palermo. Range (in code): **ES Sa Si IT MT MK BG GR Rd Cr TR Cc GG LB RU IQ Bgd Mj CY IL Pa Js Jf JO UA 01 17 21 26 31 34 44 45 46 48 56 65 21N 21Nh 26K 31M 48L 56A 56Ac 56F 56Ft 65N 65Nc 65Nc4**  
Bionomy: Larva on *Euphorbia gerardiana* (Euphorbiaceae); *Galium* (Rubiaceae); *Rumex* (Polygonaceae); *Senecio*, *Chrysanthemum* (Asteraceae) (Lederer,1865; Staudinger,1879; Romanoff,1885; Meyer,1919; Wehrli,1941).
183. **Ascotis selenaria ([Denis & Schiffermüller],1775)** (Geometridae) Synonym(s): *#selenaria* [Denis & Schiffermüller],1775; *dianaria* Hübner,[1817]; *#seleneris* Okyar & Aytaç,1999  
Taxonomical Reference: *Geometra selenaria* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 101. Type(s): [Austria]: Vienna district. Range (in code): **ES FR Co Sa Si IT MT LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc AZ RU MD UA BY IL Pa Mer CY PK Swa Sgl Klm SdS 01 05 10 14 16 17 22 31 33 34 45 46 52 56 57 61 81 05A 16A 31M 46G 46Gf 52C 56F 61K 61Ka**  
Bionomy: Larva on *Artemisia* (Meyer,1919).
184. **Catarhoe cupreata (Herrich-Schäffer,1839)** (Geometridae) Synonym(s): *cupreata* Herrich-Schäffer,1839  
Range (in code): **DZ Sa Si GR Rd Cr TR IL LB CY 17 31 46 31M**  
Bionomy: Larva on *Rubia olivieri* (Prout,1938).
185. **Catarhoe permixtaria (Guenée,[1858])** (Geometridae) Synonym(s): *#permixtaria* Herrich-Schäffer,1851; *permixtaria* Guenée,[1858]  
Taxonomical Reference: *Melanippe permixtaria* Guenée,[1858], Spec. Gén. Lépid. 10(2): 404. Type(s): [Lebanon]: Beyrut. Range (in code): **IT RO YU MK BG GR TR LB AZ Nv Cc Kir Ord Tbl GG AM IR GlS TM Kp IL Pa Car Js JO 05 06 13 14 16 17 30 31 42 46 56 65 71 05A 13F 13G 13Gg 16A 30B 30Bc 30Bc1 31M 42B 56F 65D 65Dh 65F 65Fr 65Fm 65Fp 65Fz 65H 65Hg 65K 65Kl 65Kd 65Kg 65N 65Np8 65Nm**
186. **Chesistege korbi (Bohatsch,1910)** (Geometridae) Synonym(s): *korbi* Bohatsch,1910  
Taxonomical Reference: *Chesias korbi* Bohatsch,1910, Jb. Wien. ent. Ver. 20: 164. Syntypes: [Türkei]: Raupe auf *Cephalaria procera* über 2000m bei Takaltu oberhalb Kasikoparan (Russ. Armenien) [sic!]. Range (in code): **TR JO IQ TM Kp Cc AM 06 13 24 31 46 56 58 65 71 76 13G 13Gö 13Gg 56F 58N 65F 65Fp 65Fz 65N 65Nb 76C**
187. **Chiasmia (Godonela) syriacaria (Staudinger,1871)** (Geometridae) Synonym(s): *syriacaria* Staudinger,1871; *venerata* Christoph,1887; *#syriacata* Wehrli,1934.  
Taxonomical Reference: *Macaria aestimaria* var. *syriacaria* Staudinger,1871, [in] Staudinger & Wock, Cat. lepid. eur. Faunengeb. (2): 160. Syntypes: Syria, Cyprus. Range (in code): **Cr TR Cc CY TM Kp IR Ahz Srd IQ Bgd Agh Mq Sbn Dk Amr IL Pa Hf Jf LB Bei BH 06 31 46 76 31M 76C**  
Bionomy: Larva on *Prosopis stephaniana*, *Glycyrrhiza* ? (Wiltshire,1939,1957).
188. **Chrysocraspeda charites (Oberthür,1916)** (Geometridae) Synonym(s): *charites* Oberthür,1916  
Taxonomical Reference: *Hyria charites* Oberthür,1916, Etud. lépid. comp. 12: 165, pl.398 figs.3392. Holotype: [Turkey: Hatay Prov.]: Akbes (ZFMK). Range (in code): **TR 31 31M**
189. **Cleta filacearia (Herrich-Schäffer,[1847])** (Geometridae) Synonym(s): *filacearia* Herrich-Schäffer,[1847]  
Range (in code): **ES FR IT CH? YU AL BG GR TR Cc GG Tbl Bjo Smt Kir AZ Nv AM RU Da UA Cm Ur 05 06 31 36 05A 31F 31Fb**

190. **Coenotephria ablutaria (Boisduval,1840)** (Geometridae) Synonyms: *ablutaria* Boisduval,1840; *probaria* Herrich-Schäffer,1852; *ruficinctaria* Guenée,[1858]; *ochrearia* Staudinger,1901. Range (in code): **FR IT Co Sa Si SS HV B-H YU GR BG RO UA CY Rd Cr EG Sn IL Pa Car Js IR Kd Fa IQ Brs Dia Cc GG Bjo AM 01 05 16 17 29 31 34 35 36 42 46 48 56 01H 05A 31K 31Ka 42B 48L 56F**
191. **Crocallis (s.str.) tusciaria (Borkhausen,1793)** (Geometridae) Synonym(s): *tusciaria* Borkhausen,1793; *extimaria* Hübner,[1799] Range (in code): **PT ES FR Si IT DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG AZ AM RU MD UA BY 05 17 31 42 46 56 58 75 05A 31M 42B 56F 58N 75F 75Fb** Bionomy: Larva on Berberis, Cistus salvifolius, Clematis vitalba, Hippophae, Prunus, Rosmarinus [officinalis] (Meyer, 1919; Wehrli,1934,1940).
192. **Culpinia prouti (Thierry-Mieg,1913)** (Geometridae) Synonym(s): *prouti* Thierry-Mieg,1913; *feroniaria* Oberthür,1916. Taxonomical Reference: *Thalera prouti* Thierry-Mieg,1913, Feuille jeun Nat. (5) 43: 180. Syntypes 2♂: [Türkei]: "Syria: Akbes" (MNHN). Range (in code): **TR CY IL Pa Hf Car LB Bsa 31**
193. **Cyclophora linearia (Hübner,[1799])** (Geometridae) Synonym(s): *zonata* Fourcroy,1785; *luteolaria* Villers,1789; *linearia* Hübner,[1799]; *strabonaria* Zeller,1851 Taxonomical Reference: *Geometra linearia* Hübner,[1799], Samml. eur. Schmett. 5: pl.13, fig.68. Type: Europa. Range (in code): **PT ES FR Co IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR AZ GG DK NO SE LV LT RU MD UA Cm Cc GG AZ AM IR Elb 01 14 22 31 34 37 39 52 61 81 52A 52C 61K 61Ka** Bionomy: Larva on Fagus sylvatica, Quercus, Vaccinium myrtillus (Meyer,1919; Skou,1986).
194. **Cyclophora puppillaria (Hübner,[1799])** (Geometridae) Synonym(s): *puppillaria* Hübner,[1799]; *nolaria* Hübner,1809; *gyrata* Hübner,[1813]; *gyraria* Treitschke,1827; *mirtalis* Costa,1834; *calaritana* Turati,1911; *asiaeminoris* Amsel,1935; *granti* L.B.Prout,1935 Taxonomical Reference: *Geometra puppillaria* Hübner,[1799], Samml. eur. Schmett. 5: pl.13, fig.69. Type: Europa. Range (in code): **MA DZ Ges TN Az PT ES Mu FR Co Sa Si IT MT IE GB NL DE CH AT SK HU RO YU AL BG GR Cr Rd TR Cc GG DK SE RU MD UA BY IR Fa IL Pa Hf Car LB Bsa 06 07 14 16 17 31 33 34 42 45 46 48 58 80 81 16A 31K 31Ka 42B 46L 48D 58N 80B 80Bc** Bionomy: Larva on Arbutus unedo, Cistus, Myrtus, Phillyrea, Quercus ilex (South,1961; Skou,1986; Calle et al.,2000).
195. **Dasycorsa modesta (Staudinger,1879)** (Geometridae) Synonym(s): *modesta* Staudinger,1879 Taxonomical Reference: *Dasycephala modesta* Staudinger,1879, Horae Soc. ent. ross. 14: 445. Type ♀: [Türkei]: Taurus (Haberhauer leg.). Range (in code): **RO YU BG GR CY TR LB Bsa IL Pa Tbs IQ IR 05 14 17 21 22 31 33 39 42 46 48 56 59 65 71 73 21N 21Nh 31K 31Ka 31M 42B 48L 56A 56F 65E 65F 65F1 65Fz 65K 65Ky 65Ky1 65N 65Nm 65Np 73A 73Ac** Bionomy: Larva on Papilionaceae (Wiltshire,1935).
196. **Ennomos (Deuteronomos) freidbergi Hausmann,1997** (Geometridae) Synonym(s): *freidbergi* Hausmann,1997 Taxonomical Reference: *Ennomos freidbergi* Hausmann,1997, Entomofauna 18 (1): 12, figs. Range (in code): **TR IL Pa LB JO 31**
197. **Ennomos (s.str.) effractarius Freyer,[1842]** (Geometridae) Synonym(s): *effractaria* Freyer,[1842] Taxonomical Reference: *Ennomos effractaria* Freyer,[1842], Neuere Beitr. Schmett. 4: 112, Taf.353. Type(s): [Russland]: Sarepta. Range (in code): **RU TR 31 42 44 46 42B**
198. **Epirrhoe galiata ([Denis & Schiffermüller],1775)** (Geometridae) Synonym(s): *galiata* [Denis & Schiffermüller],1775; *quadriannulata* Haworth,1809; *unilobata* Haworth,1809; *chalybeata* Hübner,[1813]; *eophanata* Krulikowsky,1906; *emina* Schawerda,1912 Taxonomical Reference: *Geometra galiata* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 113. Type(s): [Austria]: Vienna district. Range (in code): **MA DZ PT ES Mu FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR Cc GG Bjo Lag AM AZ DK NO SE FI EE LV LT RU MD UA Cm BY LB Bsa 05 06 14 16 29 31 34 42 46 48 51 05A 16A 42B** Bionomy: Larva on Galium sylvaticum, G. verum (Meyer, 1919; Calle et al., 2000).
199. **Erannis ankeraria (Staudinger,1861)** (Geometridae) Synonym(s): *ankeraria* Staudinger,1861 Range (in code): **IT AT FR DE DK SE PL HU RO BG SS HV TR 31 44** Bionomy: Larva on Quercus (Meyer,1919)
200. **Eumera turcosyrica Wehrli,1932** (Geometridae) Synonym(s): *turcosyrica* Wehrli,1932; *#turcosyriaca* Wehrli,1934. Taxonomical Reference: *Eumera regina* ssp. *turcosyrica* Wehrli,1932, Mitt. münch. ent. Ges. 22: 9. Syntypes 15♂ 5♀: [Türkei]: Marasch, Akbes, Akschehir (ZFMK). Range (in code): **TR IL Pa Js 31 42 46**
201. **Eupithecia breviculata (Donzel,1837)** (Geometridae) Synonym(s): *breviculata* Donzel,1837; *anatolica* Schwingenschuss,1939; *georgica* Vojnits,1977. Taxonomical Reference: *Melanthia breviculata* Donzel,1837, Annls Soc. ent. Fr. 6: 478, pl.18 fig.7. Type: France, Hyères. Range (in code): **MA DZ Onç TN PT ES FR Co Sa Si IT MT DE CH HU RO YU AL BG GR Cr Rd TR Cc AZ Lag Kir Len RU MD UA BY IL Pa CY JO IR Mz TM Kp Da 05 06 10 14 16 17 21 31 35 36 39 42 46 56 65 71 80 05A 06R**



- 10K 10Ka 16A 21N 21Nb 21Nc 21Nh 31M 36D 36Db 42B 56F 65F 65Fg 80B 80Bc** Bionomy: Larva on Ptychotis (Apiaceae) (Meyer,1919).
- 202. Eupithecia denticulata (Treitschke,1828)** (Geometridae) Synonym(s): *denticulata Treitschke,1828* Taxonomical Reference: Larentia denticulata Treitschke,1828, Die Schmett. Eur. 6 (2): 132. Lectotype ♂: Ungarn: Ofen (HNHM). Range (in code): ES FR DE CH SK HU RO BG TR Cc GG Bjo AM 04 06 25 31 42 58 66 75 76 04D 06E 06Ea 06R 06Rb 58N 66P 75F 75Fd 76C Bionomy: Larva on Campanula rotundifolia, Ononis repens (Meyer,1919).
- 203. Eupithecia extremata (Fabricius,1787)** (Geometridae) Synonym(s): *extremata Fabricius,1787; glaucomicata Mann,1855; hangayi Vojnits,1977.* Taxonomical Reference: Phalaena extremata Fabricius,1787, Mant. Ins. 2: 211, nr.118. Type(s): Austria. Range (in code): LY PT ES FR Co Si DE AT SK HU RO YU AL BG GR TR IQ RU MD UA BY Cc AZ Kir IL Pa Tbs Car LB Bsa IR 06 21 31 32 33 35 42 45 46 56 65 06R 21N 21Nh 31K 31Ka 31M 32C 42B 56F 65F 65Fr 65Fp
- 204. Eupithecia gratiosata Herrich-Schäffer,1861** (Geometridae) Synonym(s): *gratiosata Herrich-Schäffer,1861; subseparata Christoph,1885* Taxonomical Reference: Eupithecia gratiosata Herrich-Schäffer,1861, Neue Schmett. 3: 27, fig.135. Type(s): Patria incognita. Range (in code): MA DZ TN PT ES FR Sa Si IT PL RO YU AL BG GR TR IQ LB Bsa Cc GG AZ IR 16 25 31 45 56 58 65 16A 56F 58N 65D 65F 65Fd 65Fr Bionomy: Larva on Ferulago galbanifera, Heracleum sphondylium (Apiaceae) (Meyer,1919).
- 205. Eupithecia mystica Dietze,1910** (Geometridae) Synonym(s): *mystica Dietze,1910; wehrlii F.Wagner,1931* Range (in code): MK GR RO UA Cm Cc AZ TR LB Bsa 31 42 46
- 206. Eupithecia schiefereri Dietze,1904** (Geometridae) Synonym(s): *#schiefereri Bohatsch,1893; schiefereri Dietze,1904; #confluens Dietze,1910; #schiefererie Pinker,1958; #schieferi Arnscheid,2000* Range (in code): PT ES FR Si Co IT AT SK RO YU BG GR Cr TR RU UA Cm IL Pa CY LB AZ Cc 06 31 46 56 71 06R 31M 56F
- 207. Eupithecia spadiceata Zerny,1933** (Geometridae) Synonym(s): *spadiceata Zerny,1933* Taxonomical Reference: Eupithecia spadiceata Zerny,1933, Dt. ent. Z., Iris 47: 95-96, Taf.1 fig.22. Syntypes ♂♂♀: Libanon: Bscharre (NHMW). Range (in code): TR LB Bei Bsa KG Uk Cc AZ AM IR SY RU IT HU BG 31
- 208. Eupithecia syriacata Staudinger,1879** (Geometridae) Synonym(s): *syriacata Staudinger,1879; semicaesia W.Warren,1900.* Taxonomical Reference: Eupithecia syriacata Staudinger,1879, Horae Soc. ent. ross. 14: 478. Syntypes 2♀: [Lebanon]: Beirut. Range (in code): LB Bei Bsa TR Cc AM 31 46 31M
- 209. Eupithecia tantillaria Boisduval,1840** (Geometridae) Synonym(s): *tantillaria Boisduval,1840; laricis Speyer,1873; calabrica Dietze,1910; piceata L.B.Prout,1915* Range (in code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE FI EE LV LT RU MD UA BY Cc GG 14 31 46 81 46G 46Gf
- 210. Eupithecia unedonata (Mabille,1868)** (Geometridae) Synonym(s): *unedonata Mabille,1868* Range (in code): MA DZ TN Gf ES FR Co Sa Si IT HU YU GR Rd Cr TR LB Bsa IL Pa Js EG AM Cc AZ 31 34 46 31M Bionomy: Larva on Arbutus unedo (Mabille,1868; Meyer,1919).
- 211. Glossotrophia (Libanonia) sacraria (A.Bang-Haas,1910)** (Geometridae) Synonym(s): *sacraria A.Bang-Haas,1910* Range (in code): GR Rd LB Bei TR CY JO IL Pa IQ AF Srb Kab Bm PK TJ Pm IR Shr Fa Sse Com Kz KG Uk 31 46 56 56F
- 212. Gnopharmia colchidaria (Lederer,1870)** (Geometridae) Synonym(s): *colchidaria Lederer,1870; melanotaenia Wehrli,1938* Taxonomical Reference: Gnophos colchidaria Lederer,1870, Annls Soc. ent. Belg. 13: 39,48-49, pl.2 fig.1. Type ♀: [Georgia]: Achalziche (MNHU) (Azerbaijan: Helenendorf [Göygöl] (see Rajaei et al.,2012)). Range (in code): TR Cc GG Akh IL Pa TM Kp IQ AZ Kir Nv Dz AM IR Fa Sse PK 27 31 46 56 47 46G 46Gf 56F
- 213. Gnophos (Dicrognophos) amanensis Wehrli,1934** (Geometridae) Synonym(s): *amanensis Wehrli,1934* Taxonomical Reference: Gnophos snelleni ssp. amanensis Wehrli,1934, Mitt. münch. ent. Ges. 24: 50. Syntypes 2♂: [Türkei]: Marasch: DülDül Dagh. Range (in code): TR 31 46
- 214. Gnophos (Dicrognophos) sartatus (Treitschke,1827)** (Geometridae) Synonym(s): *sartata Treitschke,1827; syriaca Thierry-Mieg,1916.* Range (in code): Co Sa Si IT YU AL BG GR Cr Rd TR Cc GG AZ AM LB Bsa RU MD UA Cm BY SY IR Fa Sse IL Pa Mer Car Hf Js CY 05 06 14 16 17 20 27 30 31 34 35 42 45 46 56 80 05A 06K 06Kc 16A 27E 42B 46G 46Gi 56F 80B 80Bc Bionomy: Larva on Polygonum; Rhamnus alaternus (Rhamnaceae) (Meyer,1919).
- 215. Gymnoscelis rufifasciata (Haworth,[1809])** (Geometridae) Synonym(s): *rufifasciata Haworth,[1809]; pumilata Hübner,[1813].* Range (in code): Cn MA DZ Clo PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR Cc GG Tbl Kir Hkd Arr AZ IQ DK NO

SE FI EE LV LT RU MD UA BY IR Mz GlS UZ Fe KK Ik LB Bsa IL Pa Car 05 14 16 17 22 31 34 35 42 47 48  
56 71 76 80 81 05A 16A 31K 31Ka 42B 48L 56F 56Fa 80B 80Bc Bionomy: Larva on Digitalis  
(Plantaginaceae) (Wagner,1931).

216. **Hylaea fasciaria (Linnaeus,1758)** (Geometridae) Synonym(s): *fasciaria* Linnaeus,1758; *prosapiaria* Linnaeus,1758; *neustriaria* Hufnagel,1767; *prasinaria* [Denis & Schiffermüller],1775; *biliolata* Villers,1789; *viridifasciosa* Esper,1794; *cleui* Lerout,1993 Taxonomical Reference: *Phalaena fasciaria* Linnaeus,1758, Syst. Nat. (Edn.10)1: 521. Type(s): [Europa]. Range (in code): ES FR IT IE GB BE NL LU DE CH AT PL CZ SK RO YU AL BG GR TR AM Cc DK NO SE FI EE LV LT RU MD UA BY 06 07 10 14 17 22 31 33 46 59 10K 10Ka 33G Bionomy: Larva on Picea abies, Pinus sylvestris, Pseudotsuga menziesii (Pinaceae) (Scoble,1999).

217. **Hyposcotis (Euchrognophos) subtaurica (Wehrli,1932)** (Geometridae) Synonym(s): *subtaurica* Wehrli,1932 Taxonomical Reference: *Gnophos variegata* var. *subtaurica* Wehrli,1932, Mitt. münch. ent. Ges. 22 (1): 9. Syntypes 23♂ 7♀: [Türkei]: Marasch, Akbes; [Lebanon]: Beirut (ZFMK). Range (in code): TR LB Bei Bsa IL Pa Js CY 31 33 46 31K 31Ka 31M 46G

218. **Hyposcotis (Euchrognophos) variegata (Duponchel,1830)** (Geometridae) Synonym(s): *variegatus* Duponchel,1830; *rothschildi* L.B.Prout,1929; *#subtaurica* Wehrli,1932. Range (in code): MA Mzg PT ES FR Si IT MT CH AT HU RO YU AL BG GR Rd TR AZ Nv Cc GG IQ RU MD UA BY 01 05 16 31 33 42 46 56 65 80 01K 05A 16A 31M 33G 56F 65K Bionomy: Larva on Asplenium (Pterid.) (Meyer,1919).

219. **Hyposcotis (Kemtrognophos) onustaria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): *onustaria* Herrich-Schäffer,[1852]; *oneraria* Guenée,[1858] Taxonomical Reference: *Scodion onustaria* Herrich-Schäffer,[1852], Syst. Bearb. Schmett. Eur. 6:73, figs. 496-497. Syntypes: [Türkei]: Amasia. Range (in code): ES FR Co Sa Si IT RO YU AL BG GR TR GG Cc AZ AM IQ IL Pa JO IR GlS Kh 05 07 14 16 31 33 46 56 61 67 05A 16A 31M 56F

220. **Idaea aversata (Linnaeus,1758)** (Geometridae) Synonym(s): *aversata* Linnaeus,1758; *remutata* Linnaeus,1758; *lividata* Clerck,1759; *trilineata* Hufnagel,1767; *grisata* Fabricius,[1776]; *murinata* Fabricius,1794; *aversaria* Hübner,[1799]; *fuliginata* Haworth,1809; *latifasciaria* Heydenreich,1851. Taxonomical Reference: *Phalaena aversata* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 526. Type(s): Finlandia. Range (in code): DZ Hrh DhM TN PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG AM AZ DK NO SE FI EE LV LT RU MD UA BY JP 05 14 16 22 31 34 39 42 44 54 59 61 65 75 81 05A 16A 42B 44I 44Ic 61K 61Ka 65D 75F 75Fb Bionomy: Larva on Betula (Meyer,1919).

221. **Idaea consanguinaria (Lederer,1853)** (Geometridae) Synonym(s): *consanguinaria* Lederer,1853; *consanguinata* Bellier,1861; *faillata* Fuchs,1901; *taurica* A.Bang-Haas,1906; *turatii* Sohn-Rethel,1929 Taxonomical Reference: *Acidalia consanguinaria* Lederer,1853, Verh. zool.- bot. Ver. Wien 3: 256-257. Syntypes: Spalato; [Türkei]: Brussa [=Bursa]. Range (in code): Si IT RO YU AL BG GR Cr TR RU IL Pa LB Bsa CY IR Cc AZ Nv GG 05 07 16 17 31 33 34 35 38 42 46 56 05A 16A 33G 42B 56F Bionomy: Larva on Taraxacum officinale, Achillea millefolium (Asteraceae), Vicia (Fabaceae) (Rebel,1910; et seq.).

222. **Idaea degeneraria (Hübner,[1799])** (Geometridae) Synonym(s): *degeneraria* Hübner,[1799]; *degenerata* Treitschke,1828; *floridaria* Turati,1913 Taxonomical Reference: *Geometra degeneraria* Hübner,[1799], Samml. eur. Schmett. 5: pl.11, fig.57. Type: Europa. Range (in code): MA DZ TN PT ES FR Co Sa Si IT MT GB DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR IL Pa LB Bsa Cc AZ GG IQ RU MD UA BY IR Elb Fa GlS 05 06 07 14 16 17 21 22 31 33 34 36 39 42 46 48 52 56 58 60 61 65 71 80 05A 16A 21N 21Nh 31K 31Ka 36D 36Db 46G 46Gf 48L 52C 56F 56Fa 58N 61K 61Ka 65N 65Nc 65Nc4 65L 65Lb 80B 80Bc

223. **Idaea determinata (Staudinger,1876)** (Geometridae) Synonym(s): *determinata* Staudinger,1876; *fasciata* Staudinger,1892; *geministrigata* Fuchs,1901. Taxonomical Reference: *Acidalia determinata* Staudinger,1876, [in] Kalchberg, Stettin ent. Ztg. 37(4/6): 141-142. Syntypes: [Italia]: Sicilien. Range (in code): FR Sa Si IT MT YU MK AL BG GR TR 01 07 13 14 22 31 32 33 39 46 71 01K 13G 13Gg 31M

224. **Idaea dimidiata (Hufnagel,1767)** (Geometridae) Synonym(s): *dimidiata* Hufnagel,1767; *scutulata* [Denis & Schiffermüller],1775; *antitaurica* Wehrli,1931 *nec* Wehrli,1931; *tauricola* Wehrli,1934. Taxonomical Reference: *Phalaena dimidiata* Hufnagel,1767, Berl. Mag. 4: 602. Type(s): Deutschland: Berlin. Range (in code): PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc GG AZ AM IR Mz IL Pa LB Bsa TM DK NO SE FI EE LV LT RU MD UA Cm BY CA US 01 05 16 31 34 39 45 46 48 75 81 16A 31M 48L 75F 75Fd Bionomy: Larva on Anthriscus sylvestris, Pimpinella (South,1961).



225. ***Idaea distinctaria* (Boisduval,1840)** (Geometridae) Synonym(s): *distinctaria* Boisduval,1840; *ruficostata* Zeller,1849; *incarnaria* Herrich-Schäffer,1852 Range (in code): **FR Co Sa Si IT CH SS HV YU AL BG GR Cr Rd CY TR IL Pa JO 01 07 31 33**
226. ***Idaea elongaria* (Rambur,1833)** (Geometridae) Synonym(s): *elongaria* Rambur,1833; *aridata* Zeller,1847; *aridaria* Heydenreich,1851; *monadaria* Guenée,[1858]; *confusaria* Lederer,1863; *infermata* Staudinger,1871; *zephyrata* Millière,1872; *marialudovicata* Lucas,1942. Taxonomical Reference: *Acidalia elongaria* Rambur,1833, *Annls. Soc. ent. Fr.* 2 (1): 38, pl.2 fig.20. Syntypes: [France]: Corsica: Ajaccio. Range (in code): **MA DZ Clo TN PT ES Mu FR Co Sa Si IT MT SK HU RO YU AL BG GR Cr CY TR Cc AZ GG LB Bsa AZ Nv IQ Akr RU UZ CN Ui Ii Ku Khr KG Tk 01 07 16 17 31 34 46 56 71 16A 17C 46L 56F**
227. ***Idaea filicata* (Hübner,[1799])** (Geometridae) Synonym(s): *filicata* Hübner,[1799]; *filicaria* Duponchel,1830; *levequei* Leraut,2003 Taxonomical Reference: *Geometra filicata* Hübner,[1799], *Samml. eur. Schmett.* 5: pl.46, fig.238. Type: Europa. Range (in code): **ES Mu FR Co Sa Si IT CH AT CZ SK HU RO YU AL BG GR Cr Rd TR IQ Rwh Agh IL Pa CY LB IR 05 14 16 17 22 31 33 34 42 44 45 46 48 56 58 59 60 61 65 71 05A 05G 16A 33G 44I 44Ic 48L 56F 58N 60H 60Hb 61K 65D 65Dh Bionomy:** Larva on *Anagallis*, *Dianthus*, *Prunus spinosa*, *Veronica* (Meyer,1919).
228. ***Idaea fuscovenosa* (Goeze,1781)** (Geometridae) Synonym(s): *fuscovenosa* Goeze,1781; *plebeia* Fourcroy,1785; *interjectaria* Boisduval,1840 Range (in code): **DZ Lbs Saia PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE LV LT RU MD UA BY 31 42 42B**
229. ***Idaea holliata* (Homberg,1909)** (Geometridae) Synonym(s): *holliata* Homberg,1909 Taxonomical Reference: *Acidalia holliata* Homberg,1909, *Bull. Soc. ent. Fr.* 1909 (13): 229. Lectotype ♂: [Turquie]: Akbes (ZSM) (Hausmann,2006). Range (in code): **TR LB Bsa IL Pa JO Amm 31**
230. ***Idaea inquinata* (Scopoli,1763)** (Geometridae) Synonym(s): *inquinata* Scopoli,1763; *herbariata* Fabricius,1798; *pusillaria* Hübner,[1799]; *microsaria* Boisduval,1840; *incomptaria* Boisduval,1840 Taxonomical Reference: *Phalaena inquinata* Scopoli,1763, *Entomologia Carniolica*: 230. Syntype(s): [Slovenien]: Carniolia [Krain] [lost] (Hausmann,2006). Range (in code): **MA DZ TN EG LY Cy PT ES FR Co Sa Si IT MT BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR CY AZ Cc AM GG IR DK SE FI LV RU UA Cm 05 16 22 31 34 46 56 05A 16A 31M 56F**
231. ***Idaea intermedia* (Staudinger,1879)** (Geometridae) Synonym(s): *intermedia* Staudinger,1879 Taxonomical Reference: *Acidalia intermedia* Staudinger,1879, *Horae Soc. ent. ross.* 14: 436. Syntypes 2♂♂: [Türkei]: Amasia (Kerasdere). Range (in code): **GR Cr RD CY TR LB Bei Bsa IL Pa Hf 01 05 06 20 31 38 46 47 71 05A**
232. ***Idaea ossiculata* (Lederer,1871)** (Geometridae) Synonym(s): *ossiculata* Lederer,1871 Taxonomical Reference: *Acidalia ossiculata* Lederer,1871, *Horae Soc. ent. ross.* 8: 18, pl.2 fig.5. Syntypes: [Türkei]: Külek; [Iran]: Astrabad [Gorgan]. Range (in code): **MK GR TR Cc AM AZ Nv Ord GG RU Da UA Cm IR Ab Gor Kh LB 01 05 07 30 31 33 38 40 42 46 58 65 05A 42B 46G 46Gf 58N 65N 65Nc**
233. ***Idaea ostrinaria* (Hübner,[1813])** (Geometridae) Synonym(s): *ostrinaria* Hübner,[1813]; *demarginata* Schwingenschuss,1938. Taxonomical Reference: *Geometra ostrinaria* Hübner,[1813], *Samml. eur. Schmett.* 5: pl.83, fig.430. Type: Europa. Range (in code): **MA DZ Ges Lbs TN PT ES Mu FR Co Sa Si IT YU AL BG GR Cr Rd TR CY 01 07 16 17 31 33 42 46 59 60 71 16A 31M 33G 42B 60H 60Hb Bionomy:** Larva on *Campanula*, *Heliotropium*, *Polygonum*, *Salix* (Meyer,1919; Calle et al., 2000).
234. ***Idaea palaestinensis* (Sterneck,1933)** (Geometridae) Synonym(s): *antitaurica* Wehrli,1932 nec Whrl.,1931; *palaestinensis* Sterneck,1933; *seitunensis* L.B.Prout,1934. Taxonomical Reference: *Ptychopoda palaestinensis* Sterneck,1933, *Z. öst. EntVer.* 18: 65-66, figs. Syntypes: [Israel]: Haifa, Jerusalem, Jericho.; Libanon. Range (in code): **LB Shw Bei IL Pa GR Cr Rd CY TR IQ Agh Bgd IR Fa 07 14 17 22 31 34 46**
235. ***Idaea politaria* (Hübner,[1799])** (Geometridae) Synonym(s): *politata* Hübner,1793 nec Fabr.,1781; *politaria* Hübner,[1799]; *#abmarginata* Bohatsch,1885; *mundipennis* W.Warren,1898; *abmarginata* Staudinger,1901 Taxonomical Reference: *Geometra politaria* Hübner,[1799], *Samml. eur. Schmett.* 5: pl.12, fig.61. Type: Europa. Range (in code): **DZ Sbd PT ES FR Co Sa Si IT CH CZ SK HU RO SS YU AL BG GR TR IQ LB Bsa RU MD UA Cm CY Cc GG AZ AM IR Mz Gls 01 05 07 14 16 22 31 33 34 39 45 81 05A 16A 33G**
236. ***Idaea subpurpurata* (Staudinger,1900)** (Geometridae) Synonym(s): *subpurpurata* Staudinger,1900 Taxonomical Reference: *Acidalia subpurpurata* Staudinger,1900, *Dt. ent. Z., Iris* 12: 387, pl.6 fig.19. Syntypes: [Turkey]: Mardin, Karacadağ, Akbes; Lebanon. Range (in code): **TR LB IL Pa 21 31 47 31M**
237. ***Idaea subsericeata* (Haworth,[1809])** (Geometridae) Synonym(s): *subsericeata* Haworth,[1809]; *perfluaria* Boisduval,1840; *pinguedinata* Zeller,1847; *asbestaria* Zeller,1849; *puraria* Heydenreich,1851; *pinguedinaria* Herrich-Schäffer,1852; *oloraria* Rössler,1857; *mancuniata* Knaggs,1865; *veterata*

- Gregson,1866; diaphanaria A.Bang-Haas,1910; zernyi D.Lucas,1934 \_ Range (in code): MA DZ Ges TN PT ES Mu FR Co Sa Si IT IE GB BE NL DE CH AT CZ SK HU RO YU AL BG GR Cr TR Cc AZ Nv IR DK RU MD UA BY IL Pa 01 05 07 16 17 22 31 33 34 46 59 81 05A 16A Bionomy: Larva on Anagallis arvensis, Plantago, Polygonum, Stellaria, Taraxacum (Meyer,1919; Calle et al.,2000).
238. **Idaea taurica (A.Bang-Haas,1907)** (Geometridae) Synonym(s): taurica A.Bang-Haas,1907 Range (in code): TR 31
239. **Idaea textaria (Lederer,1861)** (Geometridae) Synonym(s): textaria Lederer,1861 Taxonomical Reference: Acidalia textaria Lederer,1861, Wien. ent. Monatschr. 5: 153, pl.2, fig.3. Type: [Turkey]: Antiochia [=Antakya]. Range (in code): GR Ae Sms TR CY IQ Sbn Agh 01 31 46 56 80 31A 46G 56F 80B 80Bc
240. **Idaea tineata (Thierry-Mieg,1911)** (Geometridae) Synonym(s): tineata Thierry-Mieg,1911; antennata Wehrli,1931. Taxonomical Reference: Acidalia tineata Thierry-Mieg,1911, Annls Soc. ent. Belg. 54 (1910): 468. Syntypes 5♀: [Turquie]: Akbes, leg. Delagrangue. Range (in code): GR TR IL Pa LB Bmm CY 09 31 32 33 42
241. **Idaea trigeminata (Haworth,[1809])** (Geometridae) Synonym(s): trigeminata Haworth,[1809]; reversata Treitschke,1828; reversaria Duponchel,1830. Range (in code): ES Co Sa Si IT GB BE NL DE CH AT CZ SK HU RO YU AL BG GR LB Bsa TR CY GG AZ SE RU MD UA Cm Cc AM IR Gl 01 05 07 13 14 16 17 31 33 34 46 61 65 81 05A 13F 13F35 16A 31K 31Ka 61K 65D 65F 65Fr Bionomy: Larva on Polygonum aviculare (Meyer,1919).
242. **Idaea troglodytaria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): troglodytaria Herrich-Schäffer,[1852]; albonitens Sterneck,1939 Range (in code): IL Pa Js JO Rd Cr GR CY TR 01 07 09 31 33 46 48 46G 46Gf
243. **Lithostege palaestinensis Amsel,1935** (Geometridae) Synonym(s): palaestinensis Amsel,1935; ali Wiltshire,1941. Range (in code): GR CY TR SY Hal IL Pa JO IQ Kbl Fat Njf Agh SA SA63 IR Fa Zj Ss Bu Kz Mz Th Elb Dam 31 36 63 31M 36F 36Fb 63D 63E
244. **Lythria purpuraria (Linnaeus,1758)** (Geometridae) Synonym(s): purpuraria Linnaeus,1758; cruentata Hufnagel,1767 nec Sc.,1763; sanguinolenta Fourcroy,1785 nec Linn.,1767 Taxonomical Reference: Phalaena purpuraria Linnaeus,1758, Syst. Nat. (Edn.10)1: Syntypes: [Europa], Quercus, Prunus spinosa. Range (in code): ES FR IT BE LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG AZ AM IQ IR Gl Kh EE LV RU Ur Sb MD UA BY KG KK TJ TM UZ CN Ui Ii Ku 05 06 12 14 16 17 22 31 33 34 38 39 42 44 46 52 58 60 61 69 71 05A 06N 06Na 12E 12Ec 16A 38H 38Ha 38K 42B 44F 44Fb 52A 58N 60H 60Hb 61K Bionomy: Larva on Polygonum, Prunus, Rumex (Meyer,1919; Wiltshire,1957).
245. **Neognopharmia stevenaria (Boisduval,1840)** (Geometridae) Synonym(s): stevenaria Boisduval,1840; lapidisaria Freyer,1841 Range (in code): PT ES Mu FR IT RO YU MK AL BG GR Cr TR AZ Cc AM GG IQ IR Fa Sse Com Kz RU Sr IL Pa Car Hf LB Bsa CY 05 06 08 13 14 16 17 21 30 31 36 42 44 46 56 61 65 05A 08H 08Ha 13G 13Gw 13Gs 13Gy 16A 21N 21Nc 30B 30Bc 30Bc1 30D 30Dx 36D 36Db 42B 44I 44Ic 46G 46Gf 56F 56Fn 61K 65D 65Dl 65Dlc 65F 65Fp 65Fz Bionomy: Larva on Prunus spinosa (Rosaceae) (Kasy,1954).
246. **Nychiodes (Eunychiodes) amygdalaria (Herrich-Schäffer,[1848])** (Geometridae) Synonym(s): amygdalaria Herrich-Schäffer,[1848] Taxonomical Reference: Gnophos amygdalaria Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 3: 82, fig.432. Type(s): [Griechenland]: Creta. Range (in code): IT YU BG GR Cr TR LB Bsa IL Pa Js Hf JO Cc AM IR 06 16 21 25 31 33 42 44 45 46 47 56 80 16A 31M 56F 56F1 80B 80Bb
247. **Nychiodes (Eunychiodes) divergaria (Staudinger,1892)** (Geometridae) Synonym(s): divergaria Staudinger,1892 Taxonomical Reference: Nychiodes lividaria var. divergaria Staudinger,1892, Dt. ent. Z., Iris 5: 171. Syntypes: [Türkei]: Mardin, Diarbekir. Range (in code): TR LB Bei Bsa IL Pa Js RU Da Cc IR Elb IQ Brs Ry R wz Dia 13 21 24 31 44 46 47 80 13G 13Gy 31M 46G 46Gi 80B 80Bb
248. **Nychiodes (Fritzwagneria) waltheri F.Wagner,1919** (Geometridae) Synonym(s): waltheri F.Wagner,1919. Taxonomical Reference: Nychiodes obscuraria var. waltheri F.Wagner,1919, Dt. ent. Z., Iris 33: 110. Syntypes: Türkei: Haidar-Pascha, Konstantinopel [Istanbul]. Range (in code): BG GR Rd TR IR Elb Mz TM Kp 31 34 42 46 58 71 31M 42B 46G 46Gf 58N
249. **Odontognophos zacharius (Staudinger,1879)** (Geometridae) Synonym(s): zacharia Staudinger,1879 Taxonomical Reference: Gnophos zacharia Staudinger,1879, Horae Soc. ent. ross. 14: 454-455. Type ♀: [Türkei]: Amasia. Range (in code): Cr TR Cc RU Da 01 05 14 31 42 46 51 71 01H 05A 31M 42B 51B 51Bc
250. **Orthonama obstipata (Fabricius,1794)** (Geometridae) Synonym(s): obstipata Fabricius,1794; fluviata Hübner,[1799]; gemmata Hübner,1799; albicinctata Haworth,1809; angustata Haworth,1809; quaerendaria Costa,1850; baccata Guenée,[1858]; lapillata Guenée,[1858]; contrariata Walker,1862; exagitata Walker,1862; intrusata Walker,1862; peracutata Walker,1862; signataria Walker,1863; obruptata



*Walker, 1863; pigrata Walker, 1866; plemyrata R. Felder & Rogenhofer, 1875; inconspicua Warren, 1896; brunneipennis Hulst, 1896; discata Warren, 1905* Taxonomical Reference: *Phalaena obstipata* Fabricius, 1794, Ent. Syst. 3 (1): 199. Type: Barbaria. Range (in code): PT ES Mu FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR IQ Agh GG AM Cc AZ IR Sse Fa AF DK NO SE FI EE LV RU Ur Sb Am Sh MD UA Cm BY KG KK UZ TJ TM CN MN KP KR JP ZA ZA10 ZA12 Kzu Nta IL Pa Jf Mtl LB Bsa MY Bor Sbh KBa Kh CY PK Swa Dara Sgl Yek YE Tbl Mng Kir Lag Hkd ZR EG ET KE TZ MA DZ Ges Bsk Nbr Gf TN 05 06 07 14 16 17 22 31 33 34 42 46 56 65 71 80 05A 16A 31K 31Ka 33G 56F 56Fb 65D 65Dt 65F 65Fp 65Fz 80B 80Bc Bionomy: Larva on *Mentha pulegium*, *Polygonum equisetiforme*, *Galium mollugo*, *Nasturtium officinale* (Chrétien, 1917; Calle et al., 2000).

251. **Orthostixis cribraria (Hübner, [1799])** (Geometridae) Synonym(s): *cribraria* Hübner, [1799]. Taxonomical Reference: *Geometra cribraria* Hübner, [1799], Samml. eur. Schmett. 5: pl. 16, fig. 83. Type: Europa. Range (in code): Si IT HU RO YU AL BG GR TR RU Cc GG AZ AM LB IR Elb Clu 05 06 12 13 14 16 17 29 31 33 42 46 56 65 72 75 05A 06R 06Rb 12A 12Ab 12E 12Ed 13C 13Cç 13G 13Gü 13Gw 16A 33G 42B 46G 46Gf 56F 56Fq 65F 65Fb 72E 72Eh 75F 75Fd Bionomy: Larva on *Scutellaria peregrina* (Meyer, 1919).

252. **Oulobophora externata Freyer, 1846** (Geometridae) Synonym(s): *#externata* Herrich-Schäffer, 1843; *externata* Freyer, 1846; *turcosyrica* Wehrli, 1934. Range (in code): GR BG CY TR IQ IR Fa Sse IL Pa 05 16 21 31 32 33 34 35 42 46 56 65 73 05A 16A 21N 21Nh 31K 31Ka 31M 42B 46G 46Gf 56A 56F 65D 65Dy 73A 73Aç 73Aç2 73Ae 73Ak Bionomy: Larva on *Pistacia* (Anacardiaceae) (Wiltshire, 1935).

253. **Oulobophora internata (Püngeler, 1888)** (Geometridae) Synonym(s): *internata* Püngeler, 1888; *macedonica* Staudinger, 1892 Range (in code): MK BG GR Rd TR 07 17 30 31 32 33 56 31K 31Ka 31Kai 56A 56Ac

254. **Peribatodes rhomboidarius [Denis & Schiffermüller, 1775]** (Geometridae) Synonym(s): *#rhomboidaria* [Denis & Schiffermüller], 1775; *inaequalis* Goeze, 1781; *gemma* Brahm, 1791; *ichnusaria* Ghiliani, 1852; *corsicaria* Schawerda, 1931; *saeerdabensis* Wehrli, 1943 Range (in code): MA PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc AZ GG IQ IR Mz GlS Fa Sse DK SE FI RU MD UA BY IL Pa LB Bsa Bmm Zah CY 05 14 16 17 22 31 33 34 36 42 44 45 46 48 52 56 57 59 60 61 65 81 05A 05G 16A 31K 31Ka 31M 42B 44I 44Ic 46G 46Gf 48L 52C 56F 56Fv 60H 60Hb 61K 61Ka 65F 65Fp 65Fz Bionomy: Larva on *Clematis vitalba* (Ranunculaceae), *Crataegus*, *Ligustrum*, *Nerium oleander*, *Prunus domestica*, *P. spinosa*, *Pyrus*, *Quercus* (Fagaceae), *Rubus* (Rosaceae) (Meyer, 1919; Calle, et al., 2000).

255. **Peribatodes umbrarius (Hübner, [1809])** (Geometridae) Synonym(s): *umbraria* Hübner, [1809]; *vaucheri* Thierry-Mieg, 1916 Taxonomical Reference: *Geometra umbraria* Hübner, [1809], Samml. eur. Schmett. 5: pl. 65, fig. 340. Type: Europa. Range (in code): MA DZ PT ES Mu FR Co Sa Si IT CH SK HU RO YU AL BG GR Cr TR IQ Brs IR Mz GlS Kh Fa Sse RU MD UA BY IL Pa Js LB Bsa CY 05 12 14 31 42 44 45 46 56 65 71 05A 12A 12Ac 42B 44Ic 46G 46Gf 46Gi 56F 65D 65Dh Bionomy: Larva on *Acer* (Aceraceae), *Olea europaea* (Oleaceae), *Quercus* (Fagaceae) (Meyer, 1919; Wiltshire, 1957; Calle, et al., 2000).

256. **Phaiogramma etruscaria (Zeller, 1849)** (Geometridae) Synonym(s): *etruscaria* Zeller, 1849; *pulmentaria* Guenée, [1858]; *palaestinensis* Fuchs, 1903. Taxonomical Reference: *Geometra etruscaria* Zeller, 1849, Stettin ent. Ztg. 10 (7): 203. Syntypes 1♂ 3♀: [Italia]: Tuscany (BMNH). Range (in code): DZ Clo Anna Bsk TN Gf PT ES Mu FR Co Sa Si IT MT BE CH AT PL CZ SK RO YU AL BG GR Cr Rd TR IQ RU CY SY IR Kd Elb Th Fa Sse Com Kz AZ AM GG Smt Bjo Lag Kir Nv Ord Da Der Cc LB Bsa IL Pa Jf Mtl CN Ui Ii 05 14 16 17 28 31 32 33 39 42 44 46 56 61 65 76 80 05A 16A 28N 31K 31Ka 42B 44I 44Ic 46G 46Gf 56F 61K 65F 65Fg 76A 76Ac 80B 80Bc Bionomy: Larva on *Acacia farnesiana* (Fabaceae); *Rhus oxyacantha*, *Periploca laevigata*, *Thymelaea hirsuta* (Chrétien, 1917); *Althaea* (Malvaceae), *Bupleurum* (Apiaceae), *Quercus* (Fagaceae), *Peucedanum alsaticum* (Staudinger, 1879; Meyer, 1919; Wiltshire, 1957).

257. **Phaselia serrularia (Eversmann, 1847)** (Geometridae) Synonym(s): *serrularia* Eversmann, 1847; *phaeoleucaria* Lederer, 1855. Taxonomical Reference: *Fidonia serrularia* Eversmann, 1847, Bull. Soc. imp. Nat. Moscou 20 (3): 81-82, pl. vi fig. 6. Type ♂: [Kazakhstan]: "Noor-Saisan". Range (in code): RU MD UA BY TR AM Cc AZ KG Mn Ssn Sb At Aa IR Kh 05 31 42 46 65 05A 42B 46G 46Gf 65F 65Fp 65Fz Bionomy: Larva on *Ephedra distachya*, *Sarothamnus scoparius* (Staudinger, 1879; Meyer, 1919).

258. **Problepsis ocellata (Frivaldszky, 1845)** (Geometridae) Synonym(s): *ocellata* Frivaldszky, 1845; *ommatophoraria* Guenée, [1858] Taxonomical Reference: *Caloptera ocellata* Frivaldszky, 1845, Evr. Kiral. Magy. Term. Tars. 1: 185, pl. 3 fig. 1. Syntypes: Greece: Crete, [Turkey]: Smyrna [İzmir]. Range (in code): TR GR Cr CY LB Bei IL Pa Js Tbs PK Cp Pj Swa Kkar Mdy 01 07 31 33 35 46 48 80 31K 31Ka 33G Bionomy: Larva on *Arbutus andrachne*? (Holtz, 1897).

259. **Proteuchloris neriaria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): *neriaria* Herrich-Schäffer,[1852]. Taxonomical Reference: Geometra neriaria Herrich-Schäffer,[1852], Syst. Bearb. Schmett. Eur. 6: 62, fig.435. Type(s): [Griechenland]: Creta. Range (in code): **YU BG GR Cr TR Cc GG Smt Bjo IL Pa LB Bsa CY 01 05 13 14 16 17 31 33 46 80 05A 13F 16A 33G 46G 46Gf 80B 80Bc**
260. **Protorhoe corollaria (Herrich-Schäffer,[1848])** (Geometridae) Synonym(s): *corollaria* Herrich-Schäffer,[1848]; *noacki* Draudt,1935. Taxonomical Reference: Larentia corollaria Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 3: 152, fig. 335. Type(s): -. Range (in code): **ES FR YU AL BG GR Cr Rd TR RU MD UA Cm 01 06 31 33 42 46 50 06R 06Rb 31K 31Ka 31M** Bionomy: Larva on Galium verum (Prout,1938).
261. **Pseudopanthera syriacata (Guenée,1852)** (Geometridae) Synonym(s): *syriacata* Guenée,1852; *#syriacaria* Wiltshire,1958 Range (in code): **TR LB Bsa Bei IL Pa Car Js IQ Dia Ry Rwz Brs 13 21 31 33 44 46 47 56 65 73 80 13G 13Gö 13Gg 21N 21Nb 21Nc 31K 31Ka 31Ka1 31M 46G 46Gf 46Gi 56F 65D 65Dl 65Dlc 65Dj 65Dr 65Drb 65Dt 65Du 65Dy 73A 73Ac 73Ac2 73E 73Eb 80B 80Bc** Bionomy: Larva on Teucrium (Lamiaceae) (Wiltshire,1939).
262. **Rhodostrophia calabra (Petagna,1786)** (Geometridae) Synonym(s): *calabra* Petagna,1786; *trifasciata* Cyrillo,1787; *calabraria* Hübner,1790. Taxonomical Reference: Geometra calabra Petagna,1786, Specimen Insectorum ulterionis Calabriae: 38, fig.32. Type (s): Italia: Calabria. Range (in code): **DZ Clo MA PT ES Mu FR Si IT DE CH RO YU AL BG GR Rd TR Cc GG Bjo AZ AM RU Da 05 06 07 14 17 18 22 31 34 39 50 57 58 61 62 71 05A 06R 06Rb 06Rd 18F 61K** Bionomy: Larva on Cytisus, Genista, Retama, Spartium, Sarothamnus scoparius (Meyer,1919; Calle et al.,2000).
263. **Scopula congruata (Zeller,1847)** (Geometridae) Synonym(s): *congruata* Zeller,1847; *leukiberica* Wehrli,1927; *ablutata* Dannehl,1927. Taxonomical Reference: Idaea decorata var. congruata Zeller,1847, Isis 1847 (7): 508. Syntypes: Sicilia: Cyrcus. Range (in code): **DZ Ges Si TR 31 46**
264. **Scopula flaccidaria (Zeller,1852)** (Geometridae) Synonym(s): *flaccidaria* Zeller,1852 Taxonomical Reference: Acidalia flaccidaria Zeller,1852, Stettin ent. Ztg. 13 (6): 184. Syntypes: Kleinasien. Range (in code): **AT CZ SK HU RO YU AL BG GR Cr TR GG Cc AZ AM IQ RU MD UA BY CN Ui Ku IR IL Pa CY TM 01 05 16 22 31 33 39 46 59 05A 16A**
265. **Scopula imitaria (Hübner,[1799])** (Geometridae) Synonym(s): *fimbriata* Fourcroy,1785 *nec* Schreb.,1759; *imitaria* Hübner,[1799] Taxonomical Reference: Geometra imitaria Hübner,[1799], Samml. eur. Schmett. 5: pl.10, fig.51. Type: Europa. Range (in code): **MA Tgr DZ TN LY PT ES Mu FR Co Sa Si IT MT IE GB BE NL CH RO YU AL BG GR Cr Rd CY TR Cc GG AZ DK RU MD UA BY SY IL Pa LB Bei 05 07 09 10 14 16 22 31 34 35 45 48 57 59 76 81 05A 16A 31K 31Ka 31Ka3 48L** Bionomy: Larva on Artemisia campestris, Crataegus, Galium, Lotus angustissimus, Rubia tinctorum, Rubus (Meyer,1919; Calle et al.,2000).
266. **Scopula submutata (Treitschke,1828)** (Geometridae) Synonym(s): *submutata* Treitschke,1828; *submutaria* Boisduval,1840; *submutulata* Rebel,1902 Taxonomical Reference: Idaea submutata Treitschke,1828, Schmett. Eur. 6 (2): 277. Syntypes: Croatia. Range (in code): **MA DZ PT ES FR Co Si IT CH RO YU HV MK B-H AL BG GR Cr TR LB Bei Bsa Cc GG AZ Nv IQ Kad IR Glis Kh TM Kp IL Pa 01 05 06 07 13 16 17 21 24 31 33 42 45 46 47 56 58 71 73 05A 13G 13Gü 16A 21N 21Nb 33G 42B 46G 46Gf 56F 56Fh 58N 73E 73Eb** Bionomy: Larva on Dorycnium, Thymus (Meyer,1919).
267. **Scopula turbulentaria (Staudinger,1870)** (Geometridae) Synonym(s): *turbulentaria* Staudinger,1870; *collata* W.Warren,1901; *habenata* W.Warren,1901; *syriacata* Neuburger,1904; *syriturcica* Wehrli,1934 Range (in code): **TN Si IT GR Cr Rd CY TR RO BG RU Cc AM IR Elb Mz Kd LB Bei IL Pa Js TM SA CN 01 05 07 16 17 31 33 34 35 39 42 45 46**
268. **Scopula vigilata (Wagner,1926)** (Geometridae) Synonym(s): *#submutulata* Rebel,1902; *#vigilata* L.B.Prout,1913; *vigilata* Wagner,1926; *turatii* Wagner,1926; *submutulata* Wagner,1926 Taxonomical Reference: Acidalia submutata var. vigilata Wagner,1926, Z. öster. Ent. Ver. 11 (9): 84, 86, fig. Lectotype ♂: Sicilia: Palermo (BMNH). Range (in code): **Si IT MT GR TR CY 07 31 33**
269. **Scotopteryx vicinaria (Duponchel,1830)** (Geometridae) Synonym(s): *vicinaria* Duponchel,1830; *zumsteinaria* Harpe,1862; *illyriacaria* Schawerda,1919; *roesleri* Vojnits,1973 Taxonomical Reference: Eubolia vicinaria Duponchel,1830, [in] Godart & Duponchel, Hist. nat. lépid. Papillons Fr. 8 81): 188, pl.182 fig.4. Syntypes ♀♀: France, Digne. Range (in code): **FR IT CH RO YU HV BG Sof GR TR Cc GG AZ AM MD UA BY LB IR Elb Th KG Ssn 05 06 13 31 37 46 56 65 05A 06R 06Rb 13G 13Gö 13Gg 46G 46Gi 56F 65D 65F 65Fp 65Fz**
270. **Stueningia wolfi Hausmann,1993** (Geometridae) Synonym(s): *wolfi* Hausmann,1993 Taxonomical Reference: Stueningia wolfi Hausmann,1993, Bonn. zool. Beitr. 44 (3/4): 230-232, Abb.1. Holotype ♂: Türkei: S. Anatolien, Karapinar, 995m, 12.vi.69, leg. G. Friedel (ZSM). Range (in code): **TR 07 31 33 42 46 07A 07C 33P 42J 42O 46G**



271. **Xanthorhoe fluctuata (Linnaeus,1758)** (Geometridae) Synonym(s): *fluctuata* Linnaeus,1758; *fibulata* Hufnagel,1767; *cinerata* Fourcroy,1785 nec Fabr.,1781; *costovata* Haworth,1809; *fluctuaria* Boisduval,1840; *multistriga* Oberthür,1910 Taxonomical Reference: *Phalaena fluctuata* Linnaeus,1758, Syst. Nat. (Edn.10)1: 527. Type(s): [Europa]. Range (in code): MA DZ Clo Cst TN ES Mu FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR Cc GG AM AZ IQ IR Fa DK NO SE FI EE LV LT RU Kol K-R Sb Am Kmt Sh MD UA Cm BY IL Pa Jf LB Bsa KK KG CN Ui Kön KP KR JP 05 06 14 16 17 21 22 31 33 34 39 42 46 48 51 56 58 65 73 05A 16A 21N 21Nh 31K 31Ka 42B 48L 56F 58N 65F 65Fr 73A 73Ac 73E 73Eb Bionomy: Larva on Alliaria, Brassica, Cakile maritima, Cochlearia, Sisymbrium (Meyer, 1919; Calle et al., 2000).

## Lasiocampidae

272. **Lasiocampa terreni (Herrich-Schäffer,1847)** (Lasiocampidae) Synonym(s): *terreni* Herrich-Schäffer,1847 Taxonomical Reference: *Bombyx terreni* Herrich-Schäffer,1847, Syst. Bearb. Schmett. Eur. 2: 14. Type: Constantinopel [Istanbul]. Neotype ♂: Türkei: Prov. Hatay, 20km östl Iskenderum [sic] 100m, leg. Ströhle (ZSM) (designated by Lewandowski & Fischer,2005). Range (in code): MA DZ TN LY Orn Lbs Abe Tgr Ges Rbt DhM Agi BtNa FR Co GR Rd TR CY LB Bei IL Pa JO Amm SY SA EG 31 33 35 31F

273. **Trichiura (s.str.) crataegi (Linnaeus,1758)** (Lasiocampidae) Synonym(s): *crataegi* Linnaeus,1758; *ariae* Hübner,[1824]; *scytharum* Seitz,1913; *albicans* Daniel,1956; *vallisicola* Daniel,1956; *griseotincta* Daniel,1956; *borealis* Daniel,1956; *#passini* Boursin,1957 Taxonomical Reference: *Phalaena crataegi* Linnaeus,1758, Syst. Nat. (Edn. 10) 1: 502. Range (in code): PT ES FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK BG GR TR AM GG Lag Aba AZ Cc IR GlS Kh DK NO SE FI EE LV LT RU Sb Am MD UA BY KG DsA Ssn Tar Sj MN 05 08 14 31 33 46 53 05A 31L 46G 53B 53O 53N Bionomy: Larva on "Escallonia serrata" [sic!] at Amasia (Staudinger,1879) vide *Cerasus prostrata* (Koçak & Vural,1998, Misc. Pap. 51: 6-7).

274. **Trichiura (s.str.) stroehlei Zolotuhin,2007** (Lasiocampidae) Synonym(s): *stroehlei* Zolotuhin,2007 Taxonomical Reference: *Trichiura stroehlei* Zolotuhin,2007, Nachr. ent. Ver. Apollo (Suppl.) 19: 32-34, figs. Holotype ♂: Türkei, Prov. Malatya Karahan geçidi 1800m (CMSW) [Some paratypes from Süüsti (Yüksekova, Hakkari) are mentioned as Erzincan Prov. erroneously!]. Range (in code): TR CY IL Pa JO SY IQ IR Fa 02 07 12 19 23 24 25 27 30 31 33 44 56 60 62 66 30D 30Da 31L 31M 56A 56F 56Fo

## Lecithoceridae

275. **Lecithocera nigrana (Duponchel,1836)** (Lecithoceridae) Synonym(s): *nigrana* Duponchel,1836; *luticornella* Zeller,1839; *oroviella* Heinemann,1870; *#leticornella* Staudinger,1880. Range (in code): ES FR Si IT DE CH AT SK HU RO YU B-H SS MK Mt AL BG GR TR RU MD UA BY IL Pa 05 16 31 34 38 39 46 77 05A 16A 31M 39G Bionomy: Larva on Rubus (Rosaceae), Quercus (Fagaceae) (Stefani,1947).

276. **Lecithocera turcica Gozmany & Mey,2005** (Lecithoceridae) Synonym(s): *turcica* Gozmany & Mey,2005 Taxonomical Reference: *Lecithocera turcica* Gozmany & Mey,2005, Ent. Nachr. Ber. 49 (2): 127. Holotype ♂: Turkey, "Eibes" (ZMHU). Range (in code): TR 31 31M

## Lemoniidae

277. **Lemonia syriensis Daniel,1953** (Lemoniidae) Synonym(s): *syriensis* Daniel,1953 Taxonomical Reference: *Lemonia syriensis* Daniel,1953, Mitt. münch. ent. Ges. 43: 255-256, Taf.vii. fig.8. Holotype ♂: [Türkei]: Syria sept., Taurus, Marasch, 600-900m, xii.30, Kelebek leg. (coll. Daniel). Range (in code): TR IQ Dk 31 46 47 31L 31Lg 31M 46G 47G

## Limacodidae

278. **Latoia inexpectata (Staudinger,[1896])** (Limacodidae) Synonym(s): *inexpectata* Staudinger,[1896] Taxonomical Reference: *Neraesa inexpectata* Staudinger,[1896], Dt. ent. Z., Iris 8: 293-294. Type ♂: [Hatay Prov.]: "Akbes (Eibes)". Range (in code): **TR LB Hzm IR Fa 12 13 30 31 56 12A 12Aa 12E 12Ed 13C 13Cf 30B 30Bf 31M 56F**

## Lymantriidae

279. **Orgyia trigotephras Boisduval,1829** (Lymantriidae) Synonym(s): *trigotephras* Boisduval,1829; *anceps* Oberthür,1884; *sicula* Staudinger,1887; *transiens* Staudinger,1901; *orientalis* Staudinger,1901; *etrusca* Verity,1905; *holli* Oberthür,1916; *sebdouensis* Oberthür,1916; *calabra* Stauder,1916 Taxonomical Reference: *Orgyia trigotephras* Boisduval,1829, Eur. Lépid. Index Meth.: 46. Type: France. Range (in code): **MR MA Tgr DZ Sbd Agi TN MR PT ES An FR Si IT MT TR LB Ale IL Pa UZ Fe MN 31**

280. **Parocneria detrita (Esper,[1785])** (Lymantriidae) Synonym(s): *detrita* Esper,[1785]; *orientalis* Schwingenschuss,1939; *orientis* Daniel,1963 Range (in code): **FR IT DE AT PL CZ SK RO YU BG GR TR RU MD UA BY 06 10 12 14 25 31 42 46 49 60 06R 06Ra 06Rb 06Re 06Y 10D 12A 12Aa 14B 42B 49E 49Ea 60C**

281. **Parocneria toelgi (Rebel,1917)** (Lymantriidae) Synonym(s): *toelgi* Rebel,1917 Range (in code): **TR 31**

## Micropterigidae

282. **Micropterix aruncella (Scopoli,1763)** (Micropterigidae) Synonym(s): *aruncella* Scopoli,1763; *seppella* Fabricius,1777; *podevinella* Hübner,[1813]; *concinella* Stephens,1834; *eximiella* Zeller,1850; *atricapila* Wocke,1877; *nuraghella* Amsel,1936 Taxonomical Reference: *Phalaena aruncella* Scopoli,1763, Ent. Carn.: 254. Type: "Carniolia". Range (in code): **ES FR Co Sa IT IE GB BE NL LU DE CH AT PL CZ SK HU YU GR DK TR NO SE FI EE LV LT RU Chu MD UA BY 31 31K 31Ka**

## Noctuidae

283. **Abrostola clarissa (Staudinger,1900)** (Noctuidae) Synonym(s): *clarissa* Staudinger,1900 Taxonomical Reference: *Plusia triplasia* var. *clarissa* Staudinger,1900, Dt. ent. Z., Iris 12: 381. Syntypes 5♂ 3♀: [Türkei]: Amasia, Mardin, Eibes [Akbes]; [Israel]: Jerusalem. Range (in code): **TR IL Js Pa LB Bsa IQ Dk Ama IR Elb Ab Oru Khy Ak Aha Kdj Th Se Kh Es By Mz Dam Kdj Fa SY RU Cc Ich Ing Da AF TM 04 05 06 08 13 18 24 25 30 31 33 36 47 50 51 58 62 65 66 05A 06R 06Re 08C 08H 13B 30D 30Da 31M 36D 36F 51B 51Ba 65F 65Fa**

284. **Abrostola triplasia (Linnaeus,1758)** (Noctuidae) Synonym(s): *triplasia* Linnaeus,1758; *trigemina* Werneburg,1864. Taxonomical Reference: *Phalaena triplasia* Linnaeus,1758, Syst. Nat. (Edn.10): 517. Type(s): [Europa]. Range (in code): **DZ Clo PT ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU GG Smt Bjo Bku Lag Mng Cc Ro Kr St Kb Kc Nt Ich Ing Da MD UA BY IR Elb Mz 04 05 08 13 16 18 25 28 31 36 37 38 39 41 53 65 75 05A 08H 16A 28O 36F 41A 53N 65F 65Fm 65H 65Ha** Bionomy: Larva on *Parietaria*, *Urtica* (Mann,1862; Calle et al., 2000).

285. **Acrapex taurica (Staudinger,1900)** (Noctuidae) Synonym(s): *taurica* Staudinger,1900 Taxonomical Reference: *Tapinostola taurica* Staudinger,1900, Dt. ent. Z., Iris 12: 374. Syntypes: [Turkey]: Maraş, Akbes. Range (in code): **TR CY 21 31 46 21P 31M**

286. **Acronicta (Subacronicta) megacephala (Fabricius,1787)** (Noctuidae) Synonym(s): *megacephala* Fabricius,1787; *ankarensis* Hering,1933. Taxonomical Reference: *Noctua megacephala* Fabricius,1787, Mant. Ins. 2: 175, nr.261. Type(s): [Wien]. Range (in code): **MA PT ES Mu FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR IR Mz Elb Kd Snj SY DK NO SE FI EE LV LT RU Cc GG Smt Bjo Lag AZ Kir Ro Kr St Kc Kb Nt Ich Da Sb MD UA BY KG Uk Ui CN KP KR JP 04 06 08 13 18 16 24 25 30 31 33 34 36 37 42 44 46 50 51 53 58 60 62 65 66 75 76 06F 06Fb 06K 06Kc 13G 13Gw 13Gs 16A 34A 36D 36Db 36F 51B 51Ba 60C 60G 65F 65Fç 65Fe 65Fm 65Fr 65Fz 65K 65Kp 65N 65Np 65Np6 65Nm 75F 75Fd 76B** Bionomy: Larva on *Populus*, *Salix* (Meyer,1919).

287. **Acronicta (Triaena) pasiphae Draudt,1936** (Noctuidae) Synonym(s): *pasiphae* Draudt,1936 Taxonomical Reference: *Acronycta pasiphae* Draudt,1936, Ent. Rdsch. 53: 457-458,



Taf.a2. Syntypes: [Türkei]: Amanus (Düldül-Dagh). Range (in code): **TR IQ Dk IR Kd Bne Mrv Fa Hz Es Ke By Ksh Km Lo Mia Sse Kz Yas IL Pa 13 30 31 46 56 65 30B 30Bd 46G 46Gf 56F**

**288. Acronicta (Viminia) rumicis (Linnaeus,1758)** (Noctuidae) Synonym(s): *rumicis* Linnaeus,1758; *litterata* Panzer,1804; *salicis* Curtis,1826; *diffusa* Walker,1857 Taxonomical Reference:

*Phalaena rumicis* Linnaeus,1758, Syst. Nat. (Edn.10)1: 516. Lectotype ♂: [Europa], designated by Mikkola & Honey,1993. Range (in code): **MA DZ PT ES Mu FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AM AZ Cc IL Pa Hf IQ IR Fa Ke Gh Elb Clu Dam Th Kdj Mz Kd Snj Lo DK NO SE FI EE LV LT RU Cc Ro Kr St Kb Nt Ich Kyi Da MD UA BY CY LB Bsa JO SY AF Pli Srb Fz Kab KG Tk Dj KK Skm Ik Ui CN KP KR Sh Sb UZ Fe JP Tbl Da Der Len Nv Ord Abe Hrh Sét Btina Tgr Clo DhM Sbd Anna TN 01 03 05 06 07 08 14 16 25 26 30 31 33 37 42 45 46 50 51 55 58 62 63 65 66 67 05A 08H 08Hc 16A 30D 30Dx 31K 31Ka 55F 58N 65F 65Fm 65Fr 65Fç 65Fz 65K 65Kp 65L 65Lb** Bionomy: Larva on Euphorbia, Euphrasia lutea, Mahonia aquifolium, Prunus, Polygonum, Rosa, Rumex, Sonchus, Syringa, Thymus, Urtica (Linnaeus,1758; Meyer,1919; Wiltshire,1957; Calle et al., 2000).

**289. Aedia funesta (Esper,[1786])** (Noctuidae) Synonym(s): *funesta* Esper,[1786]; *quadrimaculata* Scopoli,1786 Taxonomical Reference: *Phalaena funesta* Esper,[1786], Die Schmett.: 72, pl.188 fig.6. Type(s): [Deutschland]: Frankfurt a.Main. Range (in code): **FR IT DE CH AT PL CZ SK HU RO YU AL BG GR TR RU Sb Cc GG Tbl Smt Bjo Lag AZ Kir Kr Ro St Kb Nt Ich Kyi Da MD UA BY IR Hz Ss LB Bsa SY IL Hf Pa IQ 01 05 08 10 16 17 21 31 32 33 35 39 46 48 56 61 05A 16A 21N 21Nb 31K 31Ka 33G 56F 56Fg 61K 61Ka** Bionomy: Larva on Convolvulus sepium (Meyer,1919).

**290. Agrochola (Anchoscelis) consueta (Herrich-Schäffer,[1852])** (Noctuidae) Synonym(s): *consueta* Herrich-Schäffer,[1852] Taxonomical Reference: *Orthosia consueta* Herrich-Schäffer,[1852], Syst. Bearb. Schmett. Eur. 6: 65. Type: [Türkei]: ? Istanbul. Range (in code): **TR MK GR BG 07 31 35 56 58 62 70**

**291. Agrochola (Anchoscelis) helvola (Linnaeus,1758)** (Noctuidae) Synonym(s): *helvola* Linnaeus,1758; *rufina* Linnaeus,1758; *#fulvago* Clerck,1759 Taxonomical Reference: *Phalaena helvola* Linnaeus,1758, Syst. Nat. (Edn.10)1: 507. Type(s): Finlandia. Range (in code): **DZ Btina PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG Smt Bjo Lag AZ AM Cc DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Da MD UA BY CN Ui Kun LB IL Pa 05 06 08 13 14 17 21 24 25 31 36 38 42 46 49 50 56 05A 06E 06Ea 06R 06Rq 13C 13Cf 14B 14Bb 25A 25D 38H 38Hc 42B 42D 42Dd 49E 49Ea 50G 56A**

**292. Agrochola (Anchoscelis) osthelderi Boursin,1951** (Noctuidae) Synonym(s): *osthelderi* Boursin,1951 Taxonomical Reference: *Agrochola osthelderi* Boursin,1951, Z. Wien. ent. Ges. 36: 159, pl.12 fig.1. Holotype ♂: [Türkei]: Asia minor: Marasch. Range (in code): **BG GR TR IL Js Pa AM Cc Eri 06 31 33 46 46G**

**293. Agrochola (Frivaldskyola) staudingeri Ronkay,1984** (Noctuidae) Synonym(s): *staudingeri* Ronkay,1984 Range (in code): **IL Js Pa LB Bei TR 31 63**

**294. Agrochola (s.str.) pistacina (Goeze,1781)** (Noctuidae) Synonym(s): *#lychnidis* [Denis & Schiffermüller],1775; *#pistacina* [Denis & Schiffermüller],1775; *pistacina* Goeze,1781; *rubetra* Esper,[1791]; *canaria* Esper,[1791]; *serina* Esper,[1791]; *lineola* Donovan,1801 nec Panzer,1785; *sphaerulatina* Haworth,1809; *venosa* Haworth,1809 nec Hw.1809 Taxonomical Reference: *Phalaena pistacina* Goeze,1781, Ent. Beytr. 3(3): 213, nr.121. Range (in code): **DZ Hrh Btina Abe Agi Blid MA TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AZ AM Cc CY LB IL Pa Hf JO IQ IR Fa Elb Th DK SE FI RU Kr Da MD UA BY UZ 02 05 06 13 20 31 35 46 56 60 62 63 05A 06E 06Ea 13C 13Cf 35T** Bionomy: Larva on Centaurea (Asteraceae) (Meyer,1919); Salix (Salicaceae), Prunus (Rosaceae), Ranunculus (Ranunculaceae) (authors).

**295. Agrotis (Putagrotis) herzogi (Rebel,1911)** (Noctuidae) Synonym(s): *herzogi* Rebel,1911; *hoggari* Rothschild,1920; *minima* Turati,1924; *securifera* Turati,1924; *saracenica* Tams,1925; *leroyi* Lucas,1940 Taxonomical Reference: *Agrotis haifae herzogi* Rebel,1911, Verh. zool.-bot. Ges. Wien 61:[143]: Syntypes: Libanon: Chebak. Range (in code): **Cn MR MA DZ Ah Ajj Bsk Ceg TN LY Cy EG Sn Sa MT GR Rd CY TR LB IL Pa SY JO IR Ss IQ Agh IN SA 01 23 27 31 33 46 47 56 63 23I 46K 46Ka 63E**

**296. Agrotis (Putagrotis) puta (Hübner,[1803])** (Noctuidae) Synonym(s): *puta* Hübner,[1803]; *radius* Haworth,1803; *renitens* Hübner,[1824]; *lignosa* Godart,1825; *erythroxylea* Treit.,1826; *radiola* Stephens,1829; *catalaunensis* Millière,1873; *meridionalis* Spuler,1905; *andreasi*, *minima*, *silvestrii* Turati,1924; *insula* Richardson,1958; Taxonomical Reference: *Noctua puta* Hübner,[1803], Samml. eur. Schmett., Noct. 2: Taf.52, fig.255. Type: [Europa]. Range (in code): **MA DZ Onç Hrh Kdr Bsk Agi Sét Ceg Btina Ges Abe BSa Afl Perr Sbd Orn TN PT ES FR Co Sa Si IT MT GB BE NL DE CH AT PL HU RO YU AL BG GR Cr CY TR IQ Agh Kku Kq DK RU Cc Kr MD UA BY AF Hr IR Hz Fa Bu Dlk TM Kp LB IL Hf Pa SY JO Sn 01 05 06 07 09 11 14 15 16 17 18 20 26 31 33 34 35 46 50 52 55 56 59 57 63 67 71 80 01N 05A 05G 06Y 06Yb 07B 09D 11A 15C 16A 18F 20K 31L 31La 31K 33C 33E 33F 50G 50Gd 52H 56F 56Fb 59D 63E 63M 80E**

**297. Agrotis (Putagrotis) syricola Berio,1936** (Noctuidae) Synonym(s): *#syricola* Corti & Draudt,1933; *syricola* Berio,1936 Taxonomical Reference: *Agrotis puta* ssp. *syricola* Berio,1936,

Annali Mus. civ. Stor. nat. Giacomo Doria 59:81. Syntypes: [Turkey]: Maraş, Akşehir. Range (in code): **Si IT AL GR Cr CY TR IL Pa JO 01 06 07 17 21 31 33 41 42 44 45 46 47 50 56 63 06Y 06Yb 07F 21N 21Nb 21Nh 31K 31Ka 33G 42B 46G 50G 50Gd 56C 56Ca 56F 63D 63M**

**298. Agrotis (s.str.) ipsilon (Hufnagel,1766)** (Noctuidae) Synonym(s): *ipsilon* Hufnagel,1766; *suffusa* [Denis & Schiffermüller],1775; *idonea* Cramer,[1780]; *spinula* Esper,[1786]; *spinifera* Villers,1789. Taxonomical Reference: Phalaena ipsilon Hufnagel,1766, Berl. Mag. 4 (2): 416. Type(s): [Germany]: Berlin. Range (in code): **PT MR MA DZ TN LY ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR DK NO SE FI EE LV LT RU MD UA BY IR Fa Lo Kh IQ Agh Amr kut MN PK Bl Qu AF Kab Gbh Srb Arh LB Bsa SY IL Pa JO Sn EG IN Up Bhi Nnt Kil ZA Tva Lpo Spb Mdk Hu Rd Hf Nwf AU NC FJ NZ HW EA Th Elb Mz Dam Hz GG Smt Bjo Lag Len AZ AM Cc UZ KK KG TJ TM Ro Kr St Kc Kb Nt Ich Ing Da Kyi ET ET24 Rw Thu LK Pdy Dck Pdn Ab Oru GlS Kh Ges Ah Sbd Btna Bsk Orn BSa Abe DhM Afl Onç Ah Ajj Idl Ath 01 03 05 06 07 08 11 13 14 15 16 18 20 21 25 27 29 30 31 32 33 35 36 37 42 46 47 48 50 51 56 57 58 62 63 65 67 69 71 80 01D 05A 06R 06Rb 08H 08Hb 11E 13A 13Ab 13B 13G 13Gg 13Gf 14B 14Bb 16A 18F 21N 21Nh 25A 25R 27B 29F 30D 30Df 30Dx 31K 31Ka 33E 33H 36F 36Fb 42R 42Rc 46K 47E 48L 50G 50Gd 51B 51Ba 51D 51Da 56F 56Fa 56Fo 58G 58N 63D 63M 65D 65Dl 65Dlc 65Ds 65E 65Eb 65F 65Fa 65Fb 65Fg 65F1 65Fr 65Fp 65Fz 65Fu 65K 65Kl 65N 65Nc 65L 65Lb 69B 80E 80Ea**

**299. Agrotis (s.str.) segetum ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *segetum* [Denis & Schiffermüller],1775; *sordida* [Denis & Schiffermüller],1775; *undulatus* Goeze,1781 (praeocc.); *nigricornis* Villers,1789; *segetis* Fabricius,1794; *catenatus* Haworth,1803; *monileus* Haworth,1803; *pectinatus* Haworth,1803; *connexus* Haworth,1803; *subatratus* Haworth,1803; *nigricornutus* Haworth,1803; *praecox* Hübner,[1808]; *fervida* Hübner,[1824]; *affinis* Stephens,1829; *sicula* Boisduval,1840; *dimidia* Zeller,1847; *sicania* Guenée,1852; *marginalis* Walker,1857; *aversa* Walker,1857; *correctus* Walker,1857; *obliviosus* Walker,1857; *denticulosus* Wallengren,1860; *certificata* Walker,1865; *conspurcata* Walker,1865; *repulsus* Walker,1865; *ingratus* Butler,1878; *pallidus* Staudinger,1881; *lassa* Swinhoe,1886. Taxonomical Reference: Noctua segetum [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend:81,t.1,f.3.

Type(s): [Austria]: Vienna district. Range (in code): **Cn MA DZ TN LY EG PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY CY IR Fa Lo Ss Kh Ha Mz IQ MN CN Ui Ku PK Bl Qu AF Hr Srb Gbh Blh Arh Fz ZW Har ZA Mpu Brb Gau Pre Jh Tva Lpo Spb Mdk Nta Kzu LB Bsa IL Hf Pa SY JO Sn Tkr Agh Bgd Mj Up Bhi Nnt Kil Kml Gh Th Ab Oru Kz Hz GlS UZ KK KG TJ TM Cc Ro Kr St Kc Kb Nt Ing Ich Da Kyi ET ET24 Mre Cp Thu Rw LK Pdy Smt Tbl Bjo Kir Kus IN Hp Sml Haz Cte Mh Nsk Ges Afl BSa Khh Ktr Btna DhM Abe Lbs Agi Bsk Bdj Lgt Ah Sbd Ess Mzg Hrh Dzc Clo Ah Ajj Idl 01 05 06 07 11 13 14 15 16 18 21 24 25 27 30 31 32 33 35 36 37 38 42 46 50 51 56 57 58 60 63 65 67 71 80 01D 05A 06R 06Ra 06Rq 06Y 06Yb 07A 07C 11E 13A 13Ab 13G 13Gü 13Gy 13Gw 13Gs 15F 16A 18F 21N 21Nh 27B 30D 30Db 30Du 30Dx 31L 31La 33E 33H 35O 36D 36Db 38C 38Cb 50G 50Ga 50Gd 51B 51Ba 56F 56Fa 58G 58Gh 63D 65D 65Dn 65Du 65F 65Fa 65Fg 65F1 65Fj 65Fp 65Fu 65Fz 65G 65Ge 65K 65Kl 65L 65Lb 65N 65Np 65Np1 65Np2 65Nm 80E 80Ea**

**300. Allophytes (s.str.) metaxys Boursin,1953** (Noctuidae) Synonym(s): *metaxys* Boursin,1953 Taxonomical Reference: Allophytes metaxys Boursin,1953, Mitt. münch. ent. Ges. 43:245. Holotype: Turkey: Marasch. Range (in code): **TR Cc 08 25 31 36 46 58 58G**

**301. Amephana dalmatica (Rebel,1919)** (Noctuidae) Synonym(s): *dalmatica* Rebel,1919 Taxonomical Reference: Cleophana dejeani dalmatica Rebel,1919, Verh. zool.-bot. Ges. Wien 69: 107. Syntypes: Dalmatien. Range (in code): **Sa? YU AL BG GR TR CY 01 02 05 06 07 20 31 33 42 50 05A 31K 31Ka**

**302. Amphipyra (s.str.) pyramidea (Linnaeus,1758)** (Noctuidae) Synonym(s): *pyramidea* Linnaeus,1758; *navicularis* Geoffroy,1785; *obscura* Oberthür,1880; *obliquilimbata* Graeser,1888; *satinea* Rougemont,1901; *variegata* W.Warren,1911; *yama* Swinhoe,1918; *apyra* Bryk,1942; *cuprior* Fletcher,1968 Taxonomical Reference: Phalaena pyramidea Linnaeus,1758, Syst. Nat. (Edn.10) 1: 518. Type(s): Europa. Range (in code): **PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR AZ Len Kir GG Smt Bjo Lag Tbl Mng Cc LB SY IL Pa IQ Shq IR Mz DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Kyi MD UA BY TM Sb Prj Us Hkk CN T-S Sz Ch Mre Haz PK SI IN Ass Drm Hp JP DZ Blid Btna DhM TN Hrh Abe 01 05 06 08 14 16 30 31 33 43 56 59 05A 16A 30D 30Dt 56F**

Bionomy: Larva on Quercus, Tilia, Crataegus, Prunus, Fraxinus (Wiltshire,1957; Hacker,1989).

**303. Antitype chionodes Boursin,1968** (Noctuidae) Synonym(s): *chionodes* Boursin,1968 Range (in code): **TR 31 65 31M 65F**

**304. Apamea (s.str.) maraschi (Draudt,1934)** (Noctuidae) Synonym(s): *maraschi* Draudt,1934 Taxonomical Reference: Parastichtis monoglypha f. maraschi Draudt,1934, [in] Seitz, Die Gross-Schmett. Erde 3 (suppl.): 157. Syntypes: [Türkei]: "Marasch" [Kahramanmaraş]. Range (in code): **TR 12 21 23 24 27 30 31 33 46 47 56 63 73 12E 12Eb 30B 30Bf 31A 33R 46G 46K 56A 56Aa 63B 73A 73Ab**

**305. Apamea (s.str.) sicula (Turati,1909)** (Noctuidae) Synonym(s): *sicula* Turati,1909 Range (in code): **ES FR Si IT CZ SK YU AL BG GR TR 06 17 21 31 33 46 06R 06Rb 21N 21Nb**



306. **Apamea (s.str.) syriaca (Osthelder,1933)** (Noctuidae) Synonym(s): *syriaca* Osthelder,1933; *#albida* Osthelder,1933; *tallosi* Kovacs & Varga,1969. Taxonomical Reference: *Parastichtis monoglypha* ssp. *syriaca* Osthelder,1933, Mitt. münch. ent. Ges. 23: 70. Syntypes: [Türkei]: Maraş, Durnali. Range (in code): **DZ ES FR HU RO CZ MK BG TR Cc GR IR Ab Oru Mak Sdt Elb Th Kd Snj CY IQ Brs Ry Rwz Dia LB Bsa Bei SY IL Pa 01 04 03 05 06 08 11 12 13 16 17 18 24 25 28 30 31 32 33 34 35 36 37 42 45 46 49 50 51 58 60 62 65 73 80 04E 05A 08C 13B 13C 13Cf 13G 13Gf 13Gg 16A 30B 30Bh 30Be 30D 30Da 36F 37P 49E 49Ea 53N 60C 65D 65Du 65F 65Fa 65Fg 65Fr 65Fm 65Fp 65Fz 65N 65Nc 73C 73Cd**
307. **Asteroscopus syriaca (W.Warren,1910)** (Noctuidae) Synonym(s): *syriaca* W.Warren,1910; *decipulae* Kovacs,1966. Taxonomical Reference: *Brachionycha syriaca* W.Warren,1910, [in] Seitz, Die Gross-Schmett. Erde 3: 121. Type: [Türkei]: Akbes. Range (in code): **SK RO YU BG GR TR 03 06 16 31 46 58 06R 06Rb**
308. **Autographa gamma (Linnaeus,1758)** (Noctuidae) Synonym(s): *gamma* Linnaeus,1758; *messmeri* Schadewald,1992; *voelkeri* Schadewald,1992. Taxonomical Reference: *Phalaena gamma* Linnaeus,1758, Syst. Nat. (Edn.10)1: 513. Lectotype ♀: [Europa], designated by Mikkola & Honey,1993. Range (in code): **PT ES Mu FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR CY LB Bsa DK NO SE FI EE LV LT RU MD UA BY IQ Agh Mj IR Fa Elb Mz Dam Th Kdj Kz Yas Skh Bu Dlk AF Jla Kab Bsg Nu Adr CN Ui Ku IL Pa Hf JO EG Sn GG AZ AM Cc KK Ik TrA Ax UZ KG Ro Kr St Kb Kc Nt Ing Da Kyi ET ET24 SY Hal Ak Shf Ab Ar Gh GlS Kh Se Qz Zj Kd Km Lo By Bk Es Bu Ss MA DZ Blid Bsk Tlm Btma Orn Lbs Agi Hrh Abe Khh Ahr Hmk Ges Perr Bdj Ndr DhM TN BSA Sbd Tgr Hes Clo Ajj 01 03 04 05 06 07 08 10 13 14 16 17 18 19 21 24 25 26 28 30 31 32 33 35 37 38 39 42 43 48 50 51 52 56 58 61 62 63 65 66 73 75 76 80 05A 06P 06Pb 06R 06Rb 10K 10Ka 13G 13Gg 13Gg 13Gö 13Gs 13Gw 16A 21N 21Nh 30B 30Bb 30Bk 30D 30Dx 33E 48L 56F 58N 63D 65E 65Eb 65Ec 65Eç 65Ed 65D 65Dr 65F 65Fd 65Fu 65G 65Ge 65K 65Kl 65N 65Nc 65Kp 65Ku 65M 65Mc 65Md 65N 65Np 65Nr7 65Nm 73A 73Ac 73Ac1 73H 75F 75Fg 76A 76Ac 76B 76Bb 76Bf 76Bh**
309. **Autophila (Cheirophanes) anaphanes Boursin,1940** (Noctuidae) Synonym(s): *anaphanes* Boursin,1940 Taxonomical Reference: *Autophila anaphanes* Boursin,1940, Mitt. münch. ent. Ges. 30: 522-523, Taf.xi fig.78. Holotype ♂: Libanon: Shweir 1.viii.33 Wiltshire leg. (coll.Boursin). Range (in code): **YU AL BG GR Cr CY TR LB 20 21 31 21N 21Nh**
310. **Autophila (s.str.) einsleri Amsel,1935** (Noctuidae) Synonym(s): *#luxuriosa* Zerny,1933; *einsleri* Amsel,1935; *luxuriosa* Schwingenschuss,1939. Taxonomical Reference: *Autophila einsleri* Amsel,1935, Zoogeographica 2: 274. Syntypes: Georgskolster, Jericho, Ain Karim, Jordanbrücke. Range (in code): **TR CY IR Elb Mz Fa Ke Ss Es OM GG TM Kp LB Bsa RU Cc Kr Ing 01 06 13 23 25 31 46 51 06C 06Cb 13A 51B 51Bc**
311. **Bryophilopsis roederi (Standfuss,1892)** (Noctuidae) Synonym(s): *roederi* Standfuss,1892 *Bryophila roederi* Standfuss,1892, [in] Romanoff, Mém. lép. 6: 665-666, Pl.xv fig.4. Syntypes: [Türkei]: Mardin (P.Sintenis). Range (in code): **IL Pa TR IQ Ssa IR Ke Fa Ss Mia Kaz Km Kd Mrv Bne Sqq Lo Kz Yas Skh Hz B-A AF Nu Bsg TM KK Feg PK 07 13 21 30 31 33 42 47 56 58 62 65 73 13C 13Cf 21N 21Nh 30B 30Bf 30Bh 30D 30Dx 47D 56F 56Fg 56Fç 65D 65Dh 73C 73A 73Ab 73Cd 73D 73Da**
312. **Callopietia juvenina (Stoll,[1782])** (Noctuidae) Synonym(s): *juvenina* Stoll,[1782]; *purpureofasciata* Pillar & Mitterpacher,1783; *lagopus* Esper,[1788]; *pteridis* Thunberg,1788; *manicata* Villers,1789; *formissimalis* Hübner,1796; *obscura* Butler,1878 Range (in code): **DZ DhM TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc IR Mz Elb Clu Th Fa Mia Sse Shr DK LT RU Kr MD UA BY 08 28 31 33 34 53 55**
313. **Calocucullia celsiae (Herrich-Schäffer,1850)** (Noctuidae) Synonym(s): *celsiae* Herrich-Schäffer,[1850] Taxonomical Reference: *Cucullia celsiae* Herrich-Schäffer,[1850], Syst. Bearb. Schmett. Eur. 2:311. Syntypes: [Greece]: Saloniki [=Selanik]. Range (in code): **HU RO MK AL BG GR CY TR IL Js Hf Pa Cc AM IQ IR LB Ale JO 06 14 30 31 73 06R 30B 30Be 30Bj1** Bionomy: Larva on *Hesperis desertorum* (Rebel,1903).
314. **Calophasia platyptera (Esper,[1788])** (Noctuidae) Synonym(s): *platyptera* Esper,[1788]; *canterius* De Villers,1789; *tenera* Hübner,[1803]; *olbiensia* Duponchel,1842; *subalbida* Staudinger,1901; *signata* Constantini,1916 Taxonomical Reference: *Phalaena platyptera* Esper,[1788], Die Schmett. 4(2): 396, Taf. 130, fig.5. Type(s): [Germany]: Frankfurt. Range (in code): **Cn MR MA DZ DhM Hrh Dzc Agi Ahr TN LY PT ES Mu FR Co Sa Si IT MT GB CH AT PL CZ SK HU RO YU AL BG GR Cr TR RU MD UA LB Bsa IL Pa Hf IR Elb SY JO SA YE 01 05 07 15 16 21 23 24 31 32 33 46 50 58 66 05A 16A 21N 21Nh 23I 31K 31Ka 33G 58N** Bionomy: Larva on *Anthriscum*, *Linaria* (Calle et al., 2000).
315. **Caradrina (Eremodrina) zernyi (Boursin,1936)** (Noctuidae) Synonym(s): *zernyi* Boursin,1936; *signata* Boursin,1936 Taxonomical Reference: *Athetis zernyi* Boursin,1936, Bull. Soc. ent. Fr. 1936 (6): 87. Holotype ♂: Russie meridionale: Sarepta (coll. Boursin). Range (in code): **RU Sr GR TR IQ Rwz Brs Cc AZ Nv Dz IR Ak Ab Km Ksh Fa Es IL Pa He SY 01 03 05 13 30 31 42 44 46 51 58 05A 13C 13Cf 30B 30Bj1 31M 44F 44Fb 51B 51Bc 58G 58Gi**

316. **Caradrina (Paradrina) atriluna Guenée,1852** (Noctuidae) Synonym(s): *atriluna* Guenée,1852; *indicata* Walker,1857; *mediterraneae* Bethune-Baker,1894; *distincta* Staudinger,1898; *angularis* Turati,1935 Taxonomical Reference: Caradrina atriluna Guenée,1852, [in] Boisdual & Guenée, Hist. nat. Ins. Noct. 1: 252. Lectotype ♂: [Ethiopia]: Abyssinie, designated by Viette (1951) (MNHNP). Range (in code): CV SH MA DZ Ah Abe Prr ZA ET LY EG Sn IL Pa LB CY JO TR IR Hz Fa Ss Hz B-A CY 31 31B
317. **Caradrina (Paradrina) flavirena (Guenée,1852)** (Noctuidae) Synonym(s): *flavirena* Guenée,1852; *minor* Staudinger,1897; *subdita* W.Warren,1911; *muricolor* Boursin,1933; *subdita* Leraut,1980 Taxonomical Reference: Caradrina flavirena Guenée,1852, [in] Boisdual & Guenée, Hist. Nat. Ins., Noctuelites 1: 250. Type(s):- Range (in code): MA DZ Blid Btina Ges Agi Berr TN PT ES Mu FR Co Sa Si IT MT CH YU AL BG GR Cr TR Cc IL Pa CY RU IQ Agh Mos Bgd IR Elb Kdj Th 01 06 07 08 09 10 13 17 31 32 33 35 46 51 64 65 06R 06Rq 13C 13Cf
318. **Caradrina (s.str.) agrotina (Staudinger,1892)** (Noctuidae) Synonym(s): *agrotina* Staudinger,1892; *jordana* Staudinger,[1895]; *syriaca* Osthelder,1933. Taxonomical Reference: Amphidrina agrotina Staudinger,1892, Dt. ent. Z., Iris 4: 293-294, Taf.iii fig.11. Syntypes: [Türkei]: Amasia, Eibes. Range (in code): JO IL Pa LB TR Cc AM 05 06 31 33 42 46 62 05A 06R 31M 33G
319. **Catocala (Ephesia) disjuncta (Geyer,[1828])** (Noctuidae) Synonym(s): *disjuncta* Geyer,[1828] Range (in code): YU B-H AL BG GR CY Cr Rd TR RU Cc Kr MD UA BY 01 05 06 07 08 10 16 18 30 31 32 33 35 42 50 56 62 05A 06R 06Rb 07B 07C 08H 08Hc 10K 10Ka 16A 18I 30D 30Dx 33G 33N 56F 56Fs Bionomy: Larva on Quercus coccifera (Fagaceae) (Staudinger,1879); on Quercus sp. (Siirt, Şirvan) (Kemal, Seven, Koçak, 2013).
320. **Catocala (Ephesia) eutychea (Treitschke,1835)** (Noctuidae) Synonym(s): *eutychea* Treitschke,1835; *delicata* Vicent,1913. Range (in code): DZ Hrh Sbd Abe AL GR Cr TR LB Bsa IL Pa SY JO 01 05 07 10 16 17 20 31 32 33 35 42 45 50 05A 07B 07C 16A 33G 33P 33N 45P
321. **Catocala (Ephesia) separata Freyer,1848** (Noctuidae) Synonym(s): *separata* Freyer,1848; *luctuosa* Staudinger,1901 *nec* Hulst,1884; *fumigata* Kuznetsov,1903 Range (in code): TR GG Smt Akh Cc MK GR LB SY IL Pa 07 31 33 42 31M
322. **Cerocala sana Staudinger,1901** (Noctuidae) Synonym(s): *insana* Staudinger,1871 *nec* H-S,1858; *sana* Staudinger,1901; *albifusa* de Joannis,1910; *perorsorum* Turati,1924; *rothschildi* Turati,1924; *autumnalis* Turati,1926; *fulgens* Berio,2002; *turatii* Berio,2002 Taxonomical Reference: Cerocala scapulosa var. sana Staudinger,1901, Cat. lepid. Pal. Fauna 3 (1): 241, no.2394a. Type: [Türkei]: "Antioch" [Hatay Prov.]. Range (in code): DZ Onç Amu Sfr Bsk Orn BSa Lgt Ceg Ogl Gle Gha Ges Dje Hrh LY EG Sn SA TR IR Hz Ss Ahz Chh B-A JO IQ IL Pa LB 07 31 56
323. **Chloantha hypericii (Fabricius,1787)** (Noctuidae) Synonym(s): *#hypericii* [Denis & Schiffermüller],1775; *hypericii* Fabricius,1787 Taxonomical Reference: Noctua hypericii Fabricius,1787, Mant. Ins. 2: 167, nr.217. Type(s): Austria: [Wien]. Range (in code): PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR AZ AM GG Cc CY IQ TIH IL Pa Hf SY JO DK NO SE FI LT RU Ro Kr St Ich Da MD UA BY IR Kh KuB Fa Ha Zj GlS Gor Elb Clu Mz Dam Th Mia Kd Mrv AF TM Kp LB Bsa 01 04 05 06 07 08 12 13 14 15 16 17 18 24 25 28 30 31 32 33 35 36 42 46 50 51 56 58 60 61 62 65 69 73 01A 05A 06R 06Rb 13G 13Gg 13Gy 13Gü 13Gw 14I 16A 30D 30Dx 31K 31Ka 42B 42D 56A 56F 58N 65D 65F 65Fr 65Fm 73A 73Ad 73Ad2 Bionomy: Larva on Hypericum perforatum (Hampson,1903; Meyer,1919; Wiltshire,1957).
324. **Clytie (s.str.) syriaca (Bugnion,1837)** (Noctuidae) Synonym(s): *syriaca* Bugnion,1837; *gentilitia* Freyer,1848. Taxonomical Reference: Ophiusa syriaca Bugnion,1837, Annls Soc. ent. Fr. 1837: 442. Neotype: Turkey: Adana: Feke 6km N, 100m, leg. Hacker (ZSM). Range (in code): AT RO YU AL BG GR Cr CY LB Bei Beq IL Pa SY TR RU Cc St Ich Da Der MD UA BY IR Fa Ahz IQ Agh Amr Bgd KG Tk Tks Dj Aa KK Skm UZ 01 05 06 07 08 13 16 18 21 23 24 25 30 31 33 35 42 44 56 62 65 05A 07B 08C 08H 08Ha 13C 13Cf 16A 21N 21Nb 30B 30Ba 30Bd 30Bf 56F 56Fé 65D 65Dh Bionomy: Larva on Tamarix gallica, T. ramosissima (Romanoff,1885; Wiltshire, 1939,1957; Rakosy,1996).
325. **Condica viscosa (Freyer,1831)** (Noctuidae) Synonym(s): *viscosa* Freyer,1831; *indelicata* Turati,1934; *europaea* Parenzan,1980. Range (in code): Cn MA DZ Bsk Perr TN EN PT ES Si IT YU AL BG GR Cr TR CY IQ Bsr LB IL Pa Hf SY JO IR Fa Mia Ss Irs 07 31 Bionomy: Larva on Inula viscosa, Pluchea disocorides (Asteraceae) (Freyer,1831; Chrétien,1917; Wiltshire,1957).
326. **Conistra (s.str.) acutula (Staudinger,1892)** (Noctuidae) Synonym(s): *acutula* Staudinger,1892 Taxonomical Reference: Orrhodia acutula Staudinger,1892, Dt. ent. Z., Iris 4: 302-304. Syntypes 21♂♀: [Israel]: Jerusalem (Paulus leg.). Range (in code): TR IL Pa Js JO LB SY 31 46 63
327. **Cornutiplusia circumflexa (Linnaeus,1767)** (Noctuidae) Synonym(s): *circumflexa* Linnaeus,1767; *lunata* Fabricius,1787; *flexuosa* Donovan,1807; *daubii* Freyer,1838; *graphica* Herrich-Schäffer,1851; *patefacta* Walker,[1858]; *reticulata* Moore,1882; *clarescens* Pinker & Bacallado,1975; *#unata* Kononenko &



- Pinratana,2005* Taxonomical Reference: *Phalaena circumflexa* Linnaeus,1767, Syst. Nat. (Edn.12) 1: 844. Type(s): Europa. Range (in code): Md Cn PT ES Si IT GB CH RO AL BG GR TR Cc CY IQ kut Kro Amr Mj Agh FI RU MD UA BY IR Fa By Kz Yas Hz Ss Ke Kh Ab Oru Mak Elb Th Mz CN Ui Ku KK Ik UZ KG DsA AF Ca Hr Gbh ZA Gau Pre Tva Ec Grh Cto Wca Nta Kzu Est IN NP LK LB Bsa IL Pa Hf SY JO TH CMA Php MM GG AM AZ Cc Skh Sdt Ak Ar Gh GlS Kh Se Ha Kd Km By Bk Es Bu Ke Hz Ss Snj Lo Kaz Mia Dlk B-A TM Kp N-A TJ Chr Pm Ro Kr Kb Kc Nt Ich Da ET ET24 ET36 ET86 ET196 DJ DJ44 Smt Bjo Lag Dar Nv Ord Hal 01 04 05 06 07 08 13 16 18 20 21 22 24 25 27 30 31 33 34 35 38 46 47 48 50 51 56 60 63 65 66 73 76 80 05A 13A 13G 13Gü 13Gw 13Gz 16A 21N 21Nh 47G 56F 63D 65D 65Dl 65Dlc 65Ds 65G 65Ge 65F 65Fr 65Fu 65K 65Kp 65L 65Lb 65N 65Nc 65Nc4 65Nm 65Np 73A 73Ac 73Al 76A 76Ac
328. **Cryphia (Bryoleuca) labecula (Lederer,1855)** (Noctuidae) Synonym(s): *labecula Lederer,1855* Taxonomical Reference: *Bryophila labecula* Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 204, Taf.2 fig.10. Type(s): Beirut. Range (in code): TR LB Bei IL Pa 31 31F
329. **Cucullia (Shargacucullia) verbasci (Linnaeus,1758)** (Noctuidae) Synonym(s): *verbasci Linnaeus,1758* Taxonomical Reference: *Phalaena verbasci* Linnaeus,1758, Syst. Nat. (Edn.10)1: 515. Type(s): [Europa]. Range (in code): PT ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG Tbl Smt Bjo AZ Nv Ord AM Cc CY LB IL Pa SY JO DK SE LV LT RU Ro Kr St MD UA BY IQ IR Agh Fa Gor Elb Th Dam AF TM Kp 04 05 06 07 09 13 15 16 17 18 20 31 33 35 45 46 50 58 65 05A 13F 16A 46F 46Fg 58G 65E 65Eb 65N 65Np1 65Nm Bionomy: Larva on Celsia, Scrophularia, Verbascum tripolitanum (Staudinger,1879; Wiltshire,1957; Calle et al., 2000).
330. **Cucullia (s.str.) calendulae Treitschke,1835** (Noctuidae) Synonym(s): *calendulae Treitschke,1835; wredowi Costa,[1836]; leucanthemi Rambur,1858; dellabrunai Berio,1980.* Taxonomical Reference: *Cucullia chamomillae* var. *calendulae* Treitschke,1835, Schmett. Eur. 10 (2): 127. Syntypes: Italia: Sicilia. Range (in code): Cn MA DZ Ges BSa Ahr Khh Ktr Ceg Hrh Berr Bsk TN PT ES Mu FR Co Sa Si IT MK MT AL GR Cr Rd TR LB JO IQ Bgd Sel IL Pa Hf SA CY IR Ahz TM Kp AF 07 31 33 46 33G Bionomy: Larva on Achillea, Anthemis, Calendula, Ormenis, Chrysanthemum coronarium (Draudt,1934; Wiltshire,1957; Calle et al., 2000).
331. **Dasypolia (s.str.) ferdinandi Rühl,1892** (Noctuidae) Synonym(s): *ferdinandi Rühl,1892* Range (in code): FR IT CH YU TR Cc AM Svn LB GR IR Elb Th Kdj 13 15 25 31 42 58 65 70 75 13G 13Ga 25F 58G 65G 65Ge 70C 70Cb 75D
332. **Dichonia (s.str.) aeruginea (Hübner,[1803])** (Noctuidae) Synonym(s): *aeruginea Hübner,[1803]; mioleuca Geyer,[1828]; chioleuca Treitschke,1835; mesembrina Schawerda,1913.* Taxonomical Reference: *Noctua aeruginea* Hübner,[1803], Samml. eur. Schmett., Noct. 2: Taf.80, fig.374. Type: [Europa]. Range (in code): ES FR Co Si IT AT PL SK HU RO YU BG GR TR Cc IQ 05 06 08 13 31 38 46 56 64 05A 06E 06Ea 06R 06Rb 06Rq 13C 13Cf 38H 38Hc Bionomy: Larva on Quercus (Blaschke,1914).
333. **Diloba caeruleocephala (Linnaeus,1758)** (Noctuidae) Synonym(s): *caeruleocephala Linnaeus,1758* Taxonomical Reference: *Phalaena caeruleocephala* Linnaeus,1758, Syst. Nat. (Edn.10)1: 504. Type(s): [Europa]. Range (in code): ES Mu FR Co Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU Cc AZ Kir Ro MD UA BY LB IL Pa JO IR Elb Th 05 06 13 16 22 24 25 31 46 50 63 64 70 05A 06E 06Ea 06R 06Rb 06Rq 13C 13Cd 16A Bionomy: Larva on Amygdalus, Quercus coccifera, Crataegus, Prunus spinosa, Malus (Staudinger,1879; Spuler,1903 et seq.).
334. **Dysgonia algira (Linnaeus,1767)** (Noctuidae) Synonym(s): *algira Linnaeus,1767; achatina Sulzer,1776; alterna Villers,1789; triangularis Hübner,[1803] nec Thunb.,1784; albivitta Guenée,1852; festina Walker,1858; olympia Swinhoe,1885; europea Schawerda,1912* Taxonomical Reference: *Phalaena algira* Linnaeus,1767, Syst. Nat. (Edn.12) 1: 836. Type(s): Algeria. Range (in code): Cn MA DZ PT ES Mu FR Co Sa Si IT MT GB DE CH AT PL SK HU RO YU AL GR Cr Rd TR Cc CY IQ Akr Bsr Amr DK RU Am MD UA BY KK TM AF IR Fa LB Bsa IL Pa SY JO UZ Fe CN KP KR JP ZA Tva Lpo Spb Mdk Mpu Brb Gau Pre Nta Kzu Dbn Ec Grh SL NG ZR KE YE Ad MU IN CN PK LK Kndy Pdy MM Ab Elb Mz Th AZ Nv Ord Der Len AM GG Cc Ro Kr St Ich Da CV Cp Sdt GlS Agi Hmk Hrh DhM TN Dzc Ges Afr Perr Afl Oru Ktr Bsk Sbd Abe Clo 01 05 07 08 10 13 16 17 18 21 22 28 30 31 33 34 35 39 40 42 44 45 48 50 52 56 61 62 63 65 73 05A 07B 16A 21N 21Nb 30D 30Dt 31K 31Ka 39K 44I 44Ic 48D 50G 50Gd 56F 61K 61Ka 63D 65D 65Ds 65Du 65Dv 73D 73Df 73Dfc Bionomy: Larva on Genista, Punica granatum, Rubus, Salix, Lythrum, Ricinus, Parietaria (Wiltshire,1957; Calle et al., 2000; Hacker,2001).
335. **Dysgonia torrida (Guenée,1852)** (Noctuidae) Synonym(s): *torrida Guenée,1852; albivitta Guenée,1852; festina Walker,1858; #zorrida Hacker,[1987]* Taxonomical Reference: *Ophiura torrida* Guenée,1852, [in] Boisduval & Guenée, Hist. nat. Ins. Noct. 3: 269. Type(s): Bourbon. Range (in code): MA DZ PT ES Mu Si IT MT YU HV AL BG GR CY TR IR IQ Agh Bgd UZ N-A NP LB IL Pa SY JO AE AF Srb Nu Gbh PK Cp IN ZR ZA ET ET24 01 07 20 27 30 31 33 35 50 56 07B 30B 30Bf 31A 33R 56F Bionomy: Larva on Zea mays, Ricinus communis (Hacker,2001).
336. **Earias insulana (Boisduval,1833)** (Noctuidae) Synonym(s): *insulana Boisduval,1833; smaragdinana Zeller,1852; frondosana Walker,1863; xanthophila Walker,1863; siliquana Stainton,1865; simillima*

Walker,1866; chlorion Rambur,1866; gossypii Frauenfeld,1867; anthophilana Snellen,1879; trigostrigosa Butler,1881  
Taxonomical Reference: Tortrix insulana Boisduval,1833, Fauna Ent. Madag. 1833: 121, Pl. 16,9.  
Type: Mauritius. Range (in code): MA DZ Bsk TN LY Cn PT ES An Mu FR Si IT MT GB BG GR Cr TR CY RU IQ Agh Bgd IR Fa Ke Hz Ss Elb Th Kdj Mz Lo B-A SY IL Pa Hf JO LB EG SA OM SD Sk ET ET29 AF Ca Arh PK Sd Krc Cp JP IN PH Luz TH TW ID Clb Bor Swk AU ZA Nta Kzu Est Fs Tva Gau Jh Pre Ec Cto MZ Ad YE47 SO Zai MG MR Abe TD Tbt 31 56 58 63 65 58N 65D Bionomy: Larva on Abutilon theophrasti, Althaea, Ceratonia siliqua, Gossypium herbaceum, Hibiscus esculentus, H. rosasinensis, H. cannabinus; Lavatera, Malva parviflora, Populus, Zea mays (Wiltshire,1957; Calle et al., 2000).

337. **Egira anatolica (M.Hering,1933)** (Noctuidae) Synonym(s): anatolica M.Hering,1933; #metaxys Boursin,1966; #leucomelas Boursin,1966 Taxonomical Reference: Xylomiges conspicillaris ssp. anatolica M.Hering,1933, Int. ent. Z. 26(37/38): 412. Syntypes 3♂ 4♀: [Türkei]: Ankara. Range (in code): IT GR TR Cc AZ Nv UZ KK Tls TM Kp TJ IR Elb Th Kdj RU Ro Kr Da UA BG LB CY 01 02 04 06 13 21? 27 30 31 24 44 46 50 63 65 67 73 01A 02E 13G 21N 21Nh 30B 30Bj1 46G 63B 63E 65E 65Eb 65F 65Fm 65Fp 65Fz 65Fu 65L 65Lb 73A 73Ab

338. **Eublemma (Honeyania) ragusanum (Freyer,1844)** (Noctuidae) Synonym(s): ragusana Freyer,1844; virginea Guenée,1852; cinerina Ghiliani,1854; psilogramma Lederer,1855; quinquelinealis Moore,1877; dividens Lucas,1892; polygramma Hampson,1894. Taxonomical Reference: Anthophila ragusana Freyer,1844, Neuere Beitr. Schmett. 5: 92, Taf. 437 fig.1. Range (in code): Sa Si IT AL BG GR Cr TR CY LB Bei TM ZA Nta Tva SC SD NG CI IN AU QAU NH NC PG PH FJ 07 17 20 31 33 48

339. **Eublemma (albida-gr.) gratissimum (Staudinger,1892)** (Noctuidae) Synonym(s): albida auct.; gratissima Staudinger,1892; infusca Staudinger,1892; peralpa Schawerda,1923. Taxonomical Reference: Thalpochara albida var. gratissima Staudinger,1892, Dt. ent. Z., Iris 4: 317. Syntypes: [Türkei]: Hadjin, Mardin, Amasia; [Lebanon]: Beirut. Range (in code): IQ Mos Kbl LB Bsa CY TR Cc LB Bei JO IL Pa Hf IR Fa Km Kd Snj Lo TM AF 01 05 07 08 13 17 23 24 25 30 31 40 44 46 47 50 56 58 62 65 01K 05A 08H 08Ha 13A 13B 13G 13G 17C 25F 30B 30Bc 31M 44E 44Eh 44I 44Ic 56F 56Fa 65F 65Fm 65K 65Kb 65Kd 65Kg 65N 65Nc 65Nc4 65Np2 65Nm

340. **Eublemma (bulla-gr.) suppurum (Staudinger,1892)** (Noctuidae) Synonym(s): suppura Staudinger,1892 Taxonomical Reference: Thalpochara suppura Staudinger,1892, Dt. ent. Z., Iris 4: 320. Syntypes: [Türkei]: Mersin, Taurus, Gjaur Dag, Malatia. Range (in code): TR LB Bei Bsa 01 07 23 31 33 44 46 47 63 65 23G 23Ga 33R 33N 44L 46G 63E 65D 65Dp 65F 65Fp 65Fz 65G 65Ge 65Gü

341. **Eublemma (cochylioides-gr.) cochylioides (Guenée,1852)** (Noctuidae) Synonym(s): cochylioides Guenée,1852; rosita Guenée,1852; phoenissa Lederer,1855; derogata Walker,1858; calida Rebel,1894; calida Staudinger,1895; confusca W.Warren,1913. Range (in code): DZ Abe FR Cn ES Mu MT GR Rd TR CY SY IQ Agh IR Fa Shr LB Bei IL Pa Hf JO ZA RE LK AU IN NC FJ TO YE OM 31 31A 31K 31Ka

342. **Eublemma (ostrina-gr.) ostrinum (Hübner,[1808])** (Noctuidae) Synonym(s): ostrina Hübner,[1808]; carthami Herrich-Schäffer,[1851]; aestivalis Guenée,1852; numida Lucas,1849; thasia Koutsaftikis,1973. Taxonomical Reference: Noctua ostrina Hübner,[1808], Samml. eur. Schmett. 4, Noctuae: Tab.85, fig.399. Type(s): Europa. Range (in code): Cn PT ES Mu FR Co Sa Si IT MT IE GB NL DE CH AT HU RO YU AL BG GR Cr Rd CY TR AZ Kir Cc RU Ro St Nt Ich Ing Da MD UA SY JO IL Hf Pa LB Bsa IQ Brs Ry Rws Dia Agh Bgd IR Fa Hz Ss Ke Mz Elb Kd Km Snj Lo Mia Kz Yas Kaz Shr Hz B-A AF Bsg Nu IN PK MN KG Tk Dj Sdt Gls Hrh Ges Dzc Dhm Ktr Afr Bdj Bsa Bta Abz Sbd Khk Hmk Ahr Gha Bsk Gf Orn Tlm Rbt Phv Hes Lbs Clo MA DZ Tgr 01 05 07 08 09 10 13 16 21 31 33 35 44 46 48 50 51 56 58 60 62 63 64 65 66 05A 07C 13G 13Gy 13Gü 13Gw 16A 21N 21Nh 31K 31Ka 44I 44Ic 48L 56F 56Fc 58N 65D 65Dh 65K 65N 65Nc 65Nc4 65Np2 65Np6 65Nm Bionomy: Larva on Carduus, Carlina, Cynara, Echinops spinosus, Helichrysum [Asteraceae] (Chrétien,1917; Wiltshire,1957; Calle et al., 2000).

343. **Euchalcia kitchingi Hacker & Ronkay,1992** (Noctuidae) Synonym(s): kitchingi Hacker & Ronkay,1992 Taxonomical Reference: Euchalcia (Pseudochalcia) kitchingi Hacker & Ronkay,1992, Esperiana 3: 459-461, figs. Holotype ♂: Türkiye: Hakkari, Tanin Tanin Dağları, Elkek geçidi W-Seite 2300m, 6km ENE Uludere, 26.vi.1984, leg. Weigert (coll. Weigert). Range (in code): TR 04 13 30 31 65 73 13G 13Ge 13Gc 31L 65F 65Fa 65Fç 65Fz 73C 73Cd

344. **Euchalcia dorsiflava (Standfuss,1892)** (Noctuidae) Synonym(s): dorsiflava Standfuss,1892 Taxonomical Reference: Plusia emichi var. dorsiflava Standfuss,1892, [in] Romanoff, Mém. l'ép. 6: 666-667, Pl.xv fig.6. Type(s): [Türkei]: Mardin (P.Sintenis). Range (in code): TR 13 21 30 31 38 47 49 56 58 65 73 13G 13Gg 13Gü 13Gw 30B 30Be 30Bj 30Bl 30D 30Da 47D 47F 4Fa 56F 56F5 58G 65D 65Dh 65F 65Fa 65Fe 65Fm 65Fg 65Fr 73D 73Df 73Dfc

345. **Euchalcia emichi (Rogenhofer,1873)** (Noctuidae) Synonym(s): emichi Rogenhofer,1873 Taxonomical Reference: Plusia emichi Rogenhofer,1873, Verh. zool.-bot. Ges. Wien 23: 569-570. Syntypes ♂♀: [Türkei]: "am Gjaur Dag 8Amanus, 4000". Range (in code): TR LB Bsa SY Cc AM IR Elb Ab Oru Mak Tbz Mey Ak Ar IL Pa 01 08 13 18 19 21 25 30 31 36 38 42 46 49 50 51 58 62 65 66 13A



- 13G 13Gf 13Gy 19C 21N 21Nh 30D 30Da 49F 51B 51Ba 58G 65F 65Fe 65Fp 65Fz 65Fr 65K 65Kl 65L 65Lb 65N 65Np6 65Nr2 65Nm Bionomy: Larva on Pulmonaria (Rogenhofer,1873; Staudinger,1879).
346. **Eutelia adoratrix (Staudinger,1892)** (Noctuidae) Synonym(s): *adoratrix* Staudinger,1892 Taxonomical Reference: *Eurhipia adoratrix* Staudinger,1892, Dt. ent. Z., Iris 4: 308. Syntypes ♂♀: [Libanon]: Beirut; [Türkei]: Amasia; Lectotype ♂, designated by Hacker (2001, Esperiana 8: pl.7 fig.18) from Beirut (NHMU). Range (in code): YU GR TR Cc LB Bei IL Pa Js JO RU UA Cm IQ IR Th Elb Kdj Fa Mia Ss Hz B-A Kz Yas 05 06 08 17 18 20 21 30 31 56 60 65 05A 06R 08H 21N 21Nb 21Nh 30B 30Bf 30Bh 31K 31Ka 56F 65D 65Dh Bionomy: Larva on Pistacia terebinthus, P. lentiscus (Anacardiaceae) (Wagner,1925).
347. **Eutelia adulatrix (Hübner,[1813])** (Noctuidae) Synonym(s): *adulatrix* Hübner,[1813] Taxonomical Reference: *Noctua adulatrix* Hübner,[1813], Samml. eur. Schmett. 4, Noctuae: Tab.111 fig.517. Type(s): Europa. Range (in code): Cn MA DZ TN LY EG PT ES Mu FR Co Sa Si IT MT CH PL SK HU RO YU AL BG GR Rd Cr TR IR Fa Lo OM RU AZ Kir GG Smt Bjo Lag Cc Ro Kr Ich Da UA Cm CY IL Pa Hf LB SY JO IQ ZA Tva Lpo L Nta Kzu ZW BW KE TZ UZ Fe AF Pli Srb Nu Bsg Kab PK KK KG TM IN Hrh Agi Hmk Abe Dhm Sét Ktr Bsk BSa Ges Sbd Hes 01 05 06 07 08 10 14 16 17 18 21 24 30 31 32 33 35 42 46 50 55 56 58 65 80 05A 06R 16A 21N 21Nb 31K 31Ka 56F 56Fh 65D 65Dlc Bionomy: Larva on Rhus oxyacantha, R.cotinus, Pistacia lentiscus, P.vera, Schinus molle, Cotinus coggygria (Anacardiaceae); Merula (Capparaceae), Pinus radiata (Pinaceae) (Staudinger,1879; Blaschke,1914; Chrétien,1917; de Freina & Behounek,1996; Calle,2000), etc.
348. **Euxoa (s.str.) nigricans (Linnaeus,1761)** (Noctuidae) Synonym(s): *nigricans* Linnaeus,1761; *fumosa* [Denis & Schiffermüller],1775; *rubricans* Esper,[1788]; *dubia* Haworth,1809; *vilis*, *fuliginea* Hübner,[1813]; *carbonea* Hübner,[1823]; *ursina* Godart,1825; *rustica* Eversmann,1842; *oppidicola* Krulikowsky,1907. Taxonomical Reference: *Phalaena nigricans* Linnaeus,1761, Fauna Suecica (2): 322. Type(s): Sweden. Range (in code): MA PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Tbl IQ IR DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Da MD UA BY LB Bsa Sb At Am Us MN CN Ti 03 05 06 08 12 13 14 18 25 31 36 42 49 50 51 58 65 71 75 05A 05G 06R 06Rb 08H 08Hb 08Hc 13B 14I 18F 25R 42B 42D 49E 49Ea 50G 50Ga 50Gb 50Gc 50Gd 51B 51Ba 58R 65F 65Fa 65Fm 65Fp 65Fz 65L 65Lb 65N 65Np 65Nm 75F
349. **Exophyla rectangularis (Geyer,[1828])** (Noctuidae) Synonym(s): *rectangularis* Geyer,[1828]; *#rectangularis* Lehmann, Hacker et al.,1998 Taxonomical Reference: *Noctua rectangularis* Geyer,[1828], [in] Hübner, Samml. eur. Schmett. 4, Noctuae: Tab. 159 figs.743,744. Syntypes: Europa. Range (in code): IT YU HV AL BG GR TR AZ Kir AM GG Cc RU UA RO LB Bsa IL Pa TM Kp UZ KG 05 07 21 29 30 31 42 56 65 05A 21N 21Nh 29A 29Ad 30B 30Bd 30Bf 42B 56E 56Ea 65D 65Dv Bionomy: Larva on Celtis australis, C. centralis (Ulmaceae) (Lederer,1870; Staudinger,1879); Celtis glabrata ex Van (Kemal & Koçak,2012).
350. **Hadena (Anepia) sancta (Staudinger,1859)** (Noctuidae) Synonym(s): *sancta* Staudinger,1859 Taxonomical Reference: *Dianthoecia sancta* Staudinger,1859, Stettin ent. Ztg. 20: 213. Syntypes: Spanien: Cerro de Santa Anna (Chiclana). Range (in code): MA DZ Ges TN LY MT ES Co Sa MT IL Pa JO TR CY LB Bei 01 31 33 46
351. **Hadena (Anepia) silenens (Hübner,[1822])** (Noctuidae) Synonym(s): *silenens* Hübner,[1822]; *sejuncta* Herrich-Schäffer,[1850]; *trisagittata* Rothschild,1914 Taxonomical Reference: *Noctua silenens* Hübner,[1822], Samml. eur. Schmett. Noct. 2:Taf.143, fig.653. Type(s): Europa. Range (in code): DZ Ges Hmk BSa Btina TN Gf PT ES FR Co Si IT SK HU RO YU BG GR Cr TR RU Cc Da AZ Kir MD UA BY TM Kp IR Kz Yas Elb Th IL Pa Hf 01 02 06 18 21 25 31 33 34 38 46 47 50 63 Bionomy: Larva on Silene arenarioides, S.clandestina [Caryophyllaceae] (Chrétien,1917).
352. **Hadena (s.str.(Albimaculia)) guenei (Staudinger,1901)** (Noctuidae) Synonym(s): *guenei* Staudinger,1901; *guenei* Hampson,1905 Taxonomical Reference: *Dianthoecia guenei* Staudinger,1901, Cat. Lepid. Palaearkt. Faunengeb. 3(1): 163. Syntypes: Zypern, Taurus, Antiochia, Mardin, Bithynien. Lectotype ♀: Turkey: Mardin, designated by Hacker,1996 (NHMU). Range (in code): IT B-H HV MK GR CY TR IL Pa AZ AM Cc IR Lo Kh Elb Th Plr Kz Yas Fa IQ TM 01 03 04 06 08 12 13 16 18 24 25 30 31 33 36 42 46 47 50 58 65 66 71 80 06K 06Kb 06R 13G 13Ge 16A 30B 30Bg 30Bh 30Bj1 36D 58N 65D 65F 65Fa 65Fr 65Fp 65Fz 65G 65Ge 65N 65Np6 65Nm
353. **Hadena (s.str.(Hadenobilis)) vulcanica (Turati,1907)** (Noctuidae) Synonym(s): *vulcanica* Turati,1907 Range (in code): ES Si MK AL BG GR TR Cc UA RU Ich Ing Da IR Ha Elb Th Diz Dam 01 03 04 06 14 18 24 25 29 30 31 36 42 46 50 51 58 60 65 69 70 73 04D 04Da 06R 06Rb 25B 25T 36D 58N 60C 65G 65Ge 73C 73Cd
354. **Hadula (Calocestra (Hadumendax)) mendax (Staudinger,1879)** (Noctuidae) Synonym(s): *mendax* Staudinger,1879 Taxonomical Reference: *Hadena mendax* Staudinger,1879, Horae Soc. ent. ross. 14: 383. Syntypes: [Türkei]: Amasia; Lectotype ♂, designated by Hacker (1998: 703) (MNHU). Range (in code): MK BG GR TR Cc AM AZ Nv IL Pa LB IR Ab Oru 01 05 06 07

13 16 18 20 24 25 27 29 30 31 33 36 37 38 42 46 49 50 51 56 58 60 65 66 70 05A 06R 06Ra 16A 25F 31K 31Ka 33G 50G 50Gb 56F 56Fs 58N 58R 65F 65G 65Ge 65N 65Np 65Np1 65Np2 65Nm

355. **Hadula (Calocestra (Hadutrifolium)) trifolii (Hufnagel,1766)** (Noctuidae) Synonym(s): *trifolii* Hufnagel,1766; *chenopodii* [Denis & Schiffermüller],1775; *verna* Esper,[1787]; *saucia* Esper,[1790]; *infraina* Haworth,1809; *contribulis* Duponchel,1827; *farkasii* Treitschke,1835; *inquieta* Walker,1857; *albifusa* Walker,1857; *cinnamomina* Rothschild,1913; *taylori* Rothschild,1921 Taxonomical Reference:

*Phalaena trifolii* Hufnagel,1766, Berl. Mag. 3 (3): 398. Type(s): [Germany]: Berlin. Range (in code): CL TN MA DZ LY NE PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG MK GR Cr TR CY IL LB SY IQ Agh Amr MN AF Gbh Pli Arh Ca PK Gg IN US CA DK NO SE FI EE LV LT RU MD UA BY IR Hz Ss Kh CN Ui Ku Yk Ti GG AM AZ Bak Cc JO MK Gh Elb Th Mz Kdj Dam Km Kd Ab Lo Es Ss Hz Bu Dlk KG Tk Tu Dj Aa TrA TM Kp TJ Pm Chr UZ Br N-A KK Skm Ax Na Ro Kr St Kc Kb Nt Ich Ing Kyi Da CV Az Cp Khy Snj Bne Mrv GlS Kh BSa Lgt Ktr Sét Gha Ela Ceg Bsk Saia Btina Khkh Hmk DhM Hrh Perr Afl Ges Abe Sfr Tlm Onç Mri Ear Nbr 04 05 06 07 08 10 13 16 17 18 23 25 31 32 36 39 37 39 42 45 46 49 50 51 53 57 58 60 62 63 65 05A 06R 06Rb 10K 10Ka 13A 16A 65F 65G 65Ge 65L 65Lb Bionomy: Larva on *Atriplex*, *Chenopodium* (Wiltshire,1957).

356. **Hecatera rhodocharis (Brandt,1938)** (Noctuidae) Synonym(s): *rhodocharis* Brandt,1938 Taxonomical Reference: *Polia rhodocharis* Brandt,1938, Ent. Rdsch. 55: 503-504, figs. 55-61. Syntypes: Iran: [Fars]: Comée; Barm-i Firuz. Range (in code): IR Ha By Yas Fa Com Lo IQ Kd Snj Bne Sqg Mrv Kz Hjo TR Cc TJ Pm Chr 12 13 20 24 25 30 31 32 33 36 38 42 44 46 49 50 58 65 13B 13G 13Gü 13Gw 25T 30B 30Be 30Bj 30D 30Da 30Dt 36D 36F 58G 65F 65Fa 65G 65Ge 65K 65Kl

357. **Heliopsis peltigera ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *peltigera* [Denis & Schiffermüller],1775; *alpheia* Cramer,1780; *florentina* Esper,[1788]; *charmione* Stoll,1790; *straminea* Donovan,1793; *insulata* Navas,1924. Taxonomical Reference: *Noctua peltigera* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 89. Type(s): [Austria]:

Vienna district. Range (in code): MA DZ Cn PT ES Mu FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd CY TR DK SE FI EE LV LT RU MD UA BY IR Mz Fa Ke Lo By Yas Hz Ss Kh Ha PK Bl Qu IQ Mj JHa Amr Agh Kq Dk Af Hr Gbh Kab Srb Arh Dwe Bark Fz LB Bsa IN Dlh Hp NP JO Sn IL Pa Hf Dam Kdj Elb Th Ak Mrd Mia Kz Yas Km Kd Snj Hz B-A Maz GlS Kh GG AZ AM Cc KK TrA TM Kp UZ KG Ro Kr St Kb Kc Nt Ing Da CV MM Kba Tbl Smt Bjo Lag Bku Nv Ord Hmk Ktr Khkh BSa Perr Sfr Dje DhM Abe Bsk Hrh Ges Clo Lbs Anna Ah Ajj 01 05 06 07 08 09 13 16 18 20 21 24 25 27 30 31 33 35 36 38 42 45 46 50 51 56 58 63 65 66 73 75 80 05A 09K 09Ka 13A 13G 13Gö 13Gg 13Gg 16A 18F 21N 21Nb 21Nc 21Nh 30D 30Df 33E 56F 56Fo 58N 63D 65D 65Dda 65Dl 65Du 65E 65Eb 65Ec 65Ec 65Ed 65F 65Fa 65Fg 65Fp 65Fr 65Fz 65G 65Ge 65K 65Kb 65Kl 65N 65Np 65Nr4 65Nr7 65Nm 73A 73Aa 73D 73Da 73Df 73Dfc 75F 75Fa Bionomy: Larva on *Bellis*, *Calendula*, *Carthamus*, *Senecio* (Asteraceae); *Malva* (Malvaceae); *Salvia* (Lamiaceae); *Ulex*, *Hyoscyamus* (Calle et al., 2000); *Cicer anatolicum* (Fabaceae) (Kemal,2009).

358. **Heliopsis viriplaca (Hufnagel,1766)** (Noctuidae) Synonym(s): *viriplaca* Hufnagel,1766; *dipsacea* Linnaeus,1767; *spergulariae* Lederer,1857; *#dispaceus* Alpheraky,1882; *salamantina* Fernald,1928. Taxonomical Reference: *Phalaena viriplaca* Hufnagel,1766, Berl. Mag. 4(2): 406. Type(s): [Germany]: Berlin. Range (in code): Cn PT ES Mu FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR GG AZ AM Cc CY LB Bsa DK NO SE FI EE LV LT RU Ro Kr St Nt Ich Da Kyi Am MD UA BY IR Fa Es Lo Ke Zj Elb Th Dam Ab Oru Kz Yas Km Kd Snj IQ Dia Hjo Bag CN Ui Ku Yk MM Ch PK Hu IL Pa Tek Kty IN Dra JP JO Smt Bjo Lag Nv Ord Der Mrv Bne Sfr Btina Khkh Lbs MA 01 03 04 05 06 10 16 17 18 19 21 25 30 31 32 33 36 42 45 46 50 51 55 56 58 60 62 63 65 76 05A 06D 06Db 16A 21N 21Nb 21Nh 30D 30Dp 36D 36Db 55F 56F 56Fa 58N 63D 65F 65Fa 65M 65Mc 65Md 76B 76Bf 76Bh Bionomy: Larva on *Linaria*, *Centaurea*, *Ononis* (Hampson,1903); *Silene* (Calle et al., 2000).

359. **Hoplodrina ambigua ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *ambigua* [Denis & Schiffermüller],1775; *plantaginis* Hübner,[1813]; *uniformis* Swinhoe,1885 Taxonomical Reference: *Noctua ambigua* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 77. Type(s): [Austria]: Vienna district. Range (in code): MA DZ TN LY? PT ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr Rd TR Cc CY IQ DK SE EE LV LT RU Ro Kr St No Ich Ing MD UA BY AF Srb PK Bl Qu IR Fa By Yas Ke Gh Elb Mz Th Kdj GlS EG TM CN Ui TJ IL Hf Pa SY JO LB Bsa UZ N-A KK T-S GG Smt Bjo AZ Kir Ges Btina Lbs Hmk Abe Sbd Prr Khkh DhM Agi 01 05 06 08 09 10 13 17 18 20 21 23 24 25 27 31 32 33 34 35 36 37 38 39 42 45 46 48 50 51 56 58 64 65 69 80 05A 06E 06Ea 06R 06Rb 06Rq 06Y 06Yb 13G 13Gg 13Gf 21N 21Nh 46G 56F 56Fv 58G 65D 65Du 65F 65Fa 65Fp 65Fr 65Fm 65Fg 65Fz 65K 65Kl 65L 65Lb 65N 65Nc 65Np 65Nm Bionomy: Larva *Lactuca*, *Plantago*, *Taraxacum*, *Urtica*, *Viola* (Calle et al., 2000).

360. **Hypena (s.str.) obsitalis (Hübner,[1813])** (Noctuidae) Synonym(s): *obsitalis* Hübner,[1813] Taxonomical Reference: *Pyralis obsitalis* Hübner,[1813], Samml. eur. Schmett. 6, *Pyralides*: Tab. 25 figs.164,165; Tab.28 fig.179. Syntypes: Europa; Neotype ♂: [Kroatien]: Dalmatia merid., Gravosa Schwingenschuss leg. (NHMW) (designated by Lödl,1994). Range (in code): Cn TN DZ Mzg Rbt Agi Hrh Dzc Sfr Blid Abe Sbd Clo MA PT ES Mu FR Co Sa Si IT MT IE GB LU CH AT YU AL BG GR Cr Rd TR GG Smt Akh Cc CY IL Pa JO EG Sn LB Bei Bsa SY IQ IR Kh Fa Kaz Mia Sse Kz Yas SA Sk



- ET SD 07 16 31 07B 16A** Bionomy: Larva on *Parietaria officinalis*, *Urtica* (Spuler,1908; Seitz,1913).
- 361. *Hypenodes kalchbergi* Staudinger,1876** (Noctuidae) Synonym(s): *kalchbergi* Staudinger,1876 Range (in code): **Si RO YU TR IQ Bgd 31 42** Bionomy: 1
- 362. *Hypenodes orientalis* Staudinger,1901** (Noctuidae) Synonym(s): *orientalis* Staudinger,1901; *nesiota Rebel*,1916. Range (in code): **FR HU MK RO BG Cr TR UA Cm RU Cc Ich TM LB Bsa CY 05 31 41**
- 363. *Idia calvaria* ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *calvaria* [Denis & Schiffermüller],1775; *calvarialis* Hübner,1818 Taxonomical Reference: *Noctua calvaria* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 71. Type(s): [Austria]: Vienna district. Range (in code): **ES FR Co Sa Si IT NL DE CH AT PL CZ SK HU RO YU AL BG GR TR AZ AM GG Tbl Smt Bjo CY IQ RU Cc Kr MD UA BY IR Gls Kh 05 07 14 30 31 33 46 51 56 58 05A 30B 30Bj1 30Dt 31E 46G 46Gf 56F 56F1 56Fm** Bionomy: Larva on *Quercus* (Fagaceae), *Betula* (Betulaceae), *Salix*, *Populus* (Salicaceae) (Beck,1960; Rakosy,1996; etc.).
- 364. *Jodia croceago* (Fabricius,1787)** (Noctuidae) Synonym(s): *#croceago* [Denis & Schiffermüller],1775; *croceago* Fabricius,1787; *aurantiago* Donovan,1796; *corsica* Mabille,1868 Taxonomical Reference: *Noctua croceago* Fabricius,1787, Mant. Ins. 2: 159, nr.163. Type(s): [Wien]. Range (in code): **MA DZ Sbd TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Smt Bjo Mng SE RU Ro St Da MD UA BY IQ Shq LB IL Pa 05 06 08 11 24 25 31 42 43 46 49 56 58 65 05A 06F 06Fb 25F 42B 43D 49E 49Ea 65D 65Dlc 65Dü** Bionomy: Larva on *Quercus* (Wiltshire,1957).
- 365. *Leucania palaestinae* Staudinger,1897** (Noctuidae) Synonym(s): *palaestinae* Staudinger,1897; *languida* Staudinger,1897 *nec* Wlk.,1858; *sesamiodes* Hampson,1905; *#obscura* Heydemann et al.,1963; *#plastinaea* Kornošor & Lödl,1990 Taxonomical Reference: *Leucania putrida* var. *palaestinae* Staudinger,1897, Dt. ent. Z., Iris 10: 174, Taf. iv figs. 11,12. Syntypes: Palaestina: Haifa. Range (in code): **DZ Bsk Hes EG Sn GR TR IQ Bgd IR Gls IL Hf Pa Jt SY JO CY SA 01 09 31 33 35 48 09K 09Ka**
- 366. *Leucania putrescens* (Hübner,[1824])** (Noctuidae) Synonym(s): *putrescens* Hübner,[1824]; *boisduvalii* Duponchel,1827; *valletai* Boursin,1952 Taxonomical Reference: *Noctua putrescens* Hübner,[1824], Samml. eur. Schmett., Noct. 2: Taf.156, figs.730-731. Syntypes: [Europa]. Range (in code): **Cn DZ Sbd Afl Abe Mii Prr Lgt Anna PT ES FR Co Sa Si IT MT GB RO YU AL BG GR Cr TR IQ Brs Ry Rwz Dia RU MD UA BY IR Hz KK Ik CY LB IL Pa JO CN 05 06 18 31 44 46 05A 06Y 06Yb 44I 44Ic**
- 367. *Metalopha (Antholopha) gloriosa* (Staudinger,1892)** (Noctuidae) Synonym(s): *gloriosa* Staudinger,1892; *#intradeleta* Osthelder,1933; *#extradeleta* Osthelder,1933; *#grisea* Osthelder,1933. Taxonomical Reference: *Metalopha gloriosa* Staudinger,1892, Dt. ent. Z.,Iris 4: 314. Syntypes: [Türkei]: Aintab[=Gaziantep]; Hadjin[=Saimbeyli]. [Israel]:Jerusalem. Range (in code): **TR Cc IL Hf Js Pa IQ 01 06 21 25 27 31 33 36 44 46 47 56 58 60 62 63 64 65 06C 06Cb 21N 21Nh 25K 33G 36D 47D 56F 60C 63E 65F 65Fr 65D 65Dh**
- 368. *Minucia bimaculata* Osthelder,1933** (Noctuidae) Synonym(s): *bimaculata* Osthelder,1933 Taxonomical Reference: *Minucia bimaculata* Osthelder,1933, Mitt. münch. ent. Ges. 23: 95-96. Syntypes: [Türkei]: Kahramanmaraş, Yeşildere (ZSM). Range (in code): **TR IQ IR Fa Hz B-A 01 07 13 21 30 31 33 42 46 56 63 65 73 01H 07C 07Cc 13C 13Cf 21N 21Nh 30B 30Bj1 31L 33O 56A 56F 65D 65Dlc 73A 73Ab 73Ac 73C 73Ce** Bionomy: Larva on *Pistacia mutica* (Anacardiaceae), *Quercus* (Fagaceae) (Wiltshire,1957; et seq.).
- 369. *Mythimna (Aletia) consanguis* (Guenée,1852)** (Noctuidae) Synonym(s): *consanguis* Guenée,1852 Taxonomical Reference: *Hadena consanguis* Guenée,1852, [in] Boisduval & Guenée, Hist. Nat. Ins., Noct. 2: 97. Type(s): Inde centrale. Range (in code): **ID Sum Ja AU QAU Bri NSw Syd NC ZR EG Sk SY Pmy TR KE ET ZA Nta Kzu Est Dbn Wca Cto Tra Ec ZW Har IN Kul Hp Kma Pj Sml Drm SI NI LK MU JP CN 01 31 31F**
- 370. *Mythimna (Aletia) l-album* (Linnaeus,1767)** (Noctuidae) Synonym(s): *l-album* Linnaeus,1767; *penicillata* Moore,1881 Taxonomical Reference: *Phalaena l-album* Linnaeus,1767, Syst. Nat. (Edn.12):1: 850. Type(s): [Europa]. Range (in code): **MA DZ TN PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AZ AM Cc DK NO SE LV RU Ur MD UA BY IR Fa Ke Lo Es Ha Ss Gh Elb Th Dam Kdj Ab Kz Yas AF Gbh PK IN Pj Sml Dlh Hp Kul Up Bhi SI NP CY IQ LB Bei Bsa IL Pa KK KG CN UZ Tk Dj Ax N-A Ro St Kr Kb Nt Ich Da Thu Smt Bjo Lag Kir Nv Ord Oru Sdt Kd Bne Gls Kh Agi Anna Ges Lgt Blid Bsk Btina Lbs Khh DhM Prr Abe Sbd Afl BSa Hrh 05 06 07 08 10 12 13 16 17 18 21 25 30 31 32 33 34 36 38 39 42 44 45 46 49 50 51 56 58 61 63 65 69 80 05A 06R 06Rq 06Y 06Yb 08H 08Ha 13B 13C 13Cd 13G 13Gg 13Gü 13Gw 16A 21N 21Nb 30D 30Dt 30Dx 31K 31Ka 33G 36D 36Db 38H 38Hc 44E 44Eh 49E 49Ea 56F 56Fo 58G 61K 61Ka 65D 65Ds 65F 65Fg 65Kr 65Fm 65Fp 65Fz 65G 65Ge 65K 65Kl 65N 65Nc 65Nc4**

371. **Mythimna (Aletia) prominens Walker, 1856** (Noctuidae) Synonym(s): *prominens* Walker, 1856; *hispanica* Bellier, 1863. Range (in code): **ZA PT ES FR Sa IT MT GR TR IR Hz Ss Fa 31 33 31F 33G 33R**
372. **Mythimna (Aletia) vitellina (Hübner, [1808])** (Noctuidae) Synonym(s): *vitellina* Hübner, [1808]; *#vitellena* Lederer, 1870; *decolorata* Dannehl, 1929; *saturation* Dannehl, 1929; *grisea* Dannehl, 1929. Taxonomical Reference: *Noctua vitellina* Hübner, [1808], Samml. eur. Schmiett., Noct. 2: Taf. 81, fig. 379. Type: [Europa]. Range (in code): **Cn MA MR DZ TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ Brs Ry Rwz Dia Agh DK RU At MD UA BY PK Ch NP IN Pj Kul CN IR Lo Es Ha Kh Fa Mz Elb Th Kdj AF Hr UZ Fe KK Ik TM KG TJ CY AZ Bak GG Cc LB Bsa SY JO IL Pa T-A Kp N-A Br Ro Kr St Kc Kb Nt Ing Ich Da Tbl Smt Bjo Bku Kir Gls Agi Blid Khh Gue Ges Btba BSa Anna Orn Abe Sfr Sbd DhM Sét Hrh Hmk 01 03 05 06 07 08 09 13 16 17 18 21 22 23 24 25 27 28 29 30 31 33 34 35 36 37 39 42 44 45 46 48 50 51 52 56 58 62 63 65 73 75 76 80 05A 06E 06Ea 06R 06Rb 06Rq 06Y 06Yb 13A 13Ab 13G 13Gü 13Gw 16A 21N 21Nb 21Nh 30D 30Dx 33G 36D 36Db 44E 44Eh 46G 46Gf 48L 56F 56Fa 56Fb 56Fh 56Fo 56Fv 58G 63D 65D 65Dl 65Dlc 65Ds 65F 65Fa 65Fb 65Fc 65Fd 65Fg 65Fi 65Fj 65Fm 65Fr 65Fp 65Fu 65Fz 65G 65Ge 65K 65N 65Nc 65Nc4 65Kd 65Kg 65Kl 65Kp 65Ku 65L 65Lb 65N 65Nm 65Np 65Np1 73D 73Db 75F 75Fe 76A 76Ac 76B 76Bb**
373. **Noctua (Euschesis) interjecta (Hübner, [1803])** (Noctuidae) Synonym(s): *interjecta* Hübner, [1803]. Taxonomical Reference: *Noctua interjecta* Hübner, [1803], Samml. eur. Schmiett., Noct. 2: Taf. 23, fig. 107. Type: [Europa]. Range (in code): **PT ES FR Co Sa Si DK SE IT IE GB BE NL LU DE CH AT PL CZ HU YU AL BG GR TR IR Gls 01 05 11 14 16 17 22 23 31 33 39 57 61 05A 11E 16A 31F**
374. **Noctua (Latanocua) orbona (Hufnagel, 1766)** (Noctuidae) Synonym(s): *orbona* Hufnagel, 1766; *subsequa* [Denis & Schiffermüller], 1775; *caroni* Lempke, 1964. Taxonomical Reference: *Phalaena orbona* Hufnagel, 1766, Berl. Mag. 3(3): 304. Type(s): [Germany]: Berlin. Range (in code): **MA DZ TN LY PT ES FR Co Sa Si IT GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR CY TR DK NO SE FI EE LV LT RU Ro Kr St Kb Nt Ich Ing Kyi Da MD UA Cm BY IR Lo By Yas Zj Elb Th Kdj Kd LB Bsa SY IQ GG Smt Akh Bjo Tbl AZ Hkd Kir Nv Ord AM Cc TM UZ N-A AF Kh LU KG Uk KK Osh TJ Pm Chr Tbl Smt Bjo Lag Kir Nv Ord Bne Ges Clo 01 03 04 05 06 07 08 13 14 16 17 18 23 25 27 28 30 31 36 38 39 42 43 46 50 51 58 59 60 62 63 65 66 70 01L 01La 05A 06E 06Ea 06R 06Ra 06Rb 06Rd 06Rq 06Y 06Yb 13G 13Gg 13Gf 13Gü 13Gw 14I 16A 30D 30Dt 36D 36Db 42B 42D 50G 50Ga 50Gd 58G 59D 63D 65D 65Du 65Di 65F 65Fa 65Fb 65Fg 65Fr 65Fp 65Fz 65G 65Ge 70C 70Cb**
375. **Noctua (Paranoctua) comes (Hübner, [1813])** (Noctuidae) Synonym(s): *orbona* Fabricius, 1787 *nec* Hufn., 1767; *comes* Hübner, [1813]; *adsequa* Treitschke, 1825; *prosequa* Treitschke, 1825; *bergensis* Sp.-Schn., 1901. Taxonomical Reference: *Noctua comes* Hübner, [1813], Samml. eur. Schmiett., Noct. 2: Taf. 111, fig. 521. Type: [Europa]. Range (in code): **MA DZ Dzc Hrh Abe Sbd Lbs DhM Tun Btba TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT IR Lo Ke Fa Enz Gh Ab Kz Km Kd Lo Mz Gls Elb Kh IQ SY LB Bsa IL Hf Pa JO AM GG Tbl Cc RU Ro Kr St Kb Da Der 01 05 06 07 08 09 10 11 13 16 22 30 31 33 39 42 43 45 46 56 59 63 65 73 01K 05A 06R 06Rb 11E 13A 13Ab 13C 13Cd 13G 13Gg 13Gü 13Gw 16A 30B 30bC 30bC1 30Bd 30D 30Dx 42B 56F 56Fo 59D 63D 65D 65Dn 65F 65Fb 65Ff 65Fp 65Fz 65K 65Kd 65Kg 65N 65Nc 65Nc 65Np 65Np1 65Nm 73D 73Db**
376. **Nola cicatricalis (Treitschke, 1835)** (Noctuidae) Synonym(s): *cicatricalis* Treitschke, 1835. Taxonomical Reference: *Hercyna cicatricalis* Treitschke, 1835, Schmiett. Eur. 10(3): 39. Range (in code): **ES FR Sa IT DE CH AT PL CZ SK HU RO BG GR TR 06 07 11 17 30 31 33 34 43 46 56 06R 31K 31Ka 56D 56Dd**
377. **Nola subchlamydula Staudinger, 1870** (Noctuidae) Synonym(s): *subchlamydula* Staudinger, 1870; *lathonialis* Milliére, 1872; *kruegeri* Turati, 1911; *praetextula* Chrétien, 1923; *infantula* Kitt, 1926; *derasa* Zerny, 1933; *albidula* Zerny, 1934. Taxonomical Reference: *Nola subchlamydula* Staudinger, 1870, Horae Soc. ent. ross. 7: 107-109, Tab. 1 figs. 6, 7. Syntypes ♂♀: Griechenland: Attica. Range (in code): **DZ Afl Lbs ES Mu FR Co Sa IT BE DE CH AT YU BG GR Cr TR LB Bei Bsa IR Fa IQ 05 06 07 31 48 06R 31K 31Ka 48L** Bionomy: Larva on *Lavandula stoechas*, *Salvia*, *Teucrium chamaedrys* (Lamiaceae) (Freina & Witt, 1987).
378. **Nycteola columbana (Turner, 1925)** (Noctuidae) Synonym(s): *columbana* Thurner, 1925; *gallicana* Aubert, 1957; *#apicistrigata* Dufay, 1958. Taxonomical Reference: *Sarrothripus reveyana* columbana Thurner, 1925, Entomologist's Rec. J. Var. 37: 77. Type(s): France: Haute Loire. Range (in code): **MA DZ TN PT ES Mu FR Co Sa Si IT CH RO YU MK BG GR Cr TR CY LB Bsa RU Cc Kr 07 31 33 42** Bionomy: Larva on *Quercus* (Calle et al., 2000).
379. **Ochropleura leucogaster (Freyer, 1831)** (Noctuidae) Synonym(s): *leucogaster* Freyer, 1831. Taxonomical Reference: *Noctua leucogaster* Freyer, 1831, Neuere Beitr. Schmiett. 1: 38, Tab. 21, fig. 1. Type(s): [Austria]: Wien. Range (in code): **TN DhM PT ES FR Co Sa Si IT MT GB DE CH AT RO YU AL BG GR Cr TR LB IL Hf Pa SY RU ZA ET ET24 ET86 01 13 31 33 58 65 01K 13B**
380. **Oligia strigilis (Linnaeus, 1758)** (Noctuidae) Synonym(s): *strigilis* Linnaeus, 1758; *praeduncula* [Denis & Schiffermüller], 1775. Taxonomical Reference: *Phalaena strigilis* Linnaeus, 1758, Syst. Nat. (Edn. 10) 1: 516. Type(s): Europa. Range (in code): **PT ES FR Sa Si IT IE GB BE NL LU DE CH**



- AT PL CZ SK HU RO YU AL BG GR TR IR AZ AM GG Lag Cc DK NO SE FI EE LV LT RU Ro St Kr Kc Nt MD  
UA BY 05 06 08 16 31 34 45 61 75 05A 16A 61K 61Ka 75E
381. **Orthosia (Monima) dalmatica (Wagner,1909)** (Noctuidae) Synonym(s): *dalmatica* Wagner,1909 Taxonomical Reference: *Taeniocampa cerasi* var. *dalmatica* Wagner,1909, Ent. Z., Frankf. a.M. 23: 18. Lectotype ♂: Dalmatia: Zara (Hreblay, 1993: 74). Range (in code): YU BG GR TR 07 09 11 15 16 17 31 33 44 49 50 58 16A
382. **Orthosia (s.str.) incerta (Hufnagel,1766)** (Noctuidae) Synonym(s): *incerta* Hufnagel,1766; *instabilis* [Denis & Schiffermüller],1775; *collinita* Esper,[1790]; *contracta* Esper,[1790]; *trigutta* Esper,[1790]; *nebulosus* Haworth,1803; *subsetaceus* Haworth,1803; *angustus* Haworth,1803; *fuscatus* Haworth,1803; *pallida* Lampa,1885 nec Hw.,1809; *pallidior* Staudinger,1901 nec Stgr.,1888 Taxonomical Reference: *Phalaena incerta* Hufnagel,1766, Berl. Mag. 3 (3): 298. Type(s): [Germany]: Berlin. Range (in code): MA PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr TR DK NO SE FI EE LV LT RU GG Smt Bjo Lag Cc Ro Kr Nt Da Sb At MD UA BY CN Ui Ku KK Ik Ax Fe UZ KG DsA JP IN Pj Hp Sml IQ CY LB IR Elb Th 03 04 06 07 09 15 31 32 34 42 43 46 50 58 65 06R 06Rb 06Rq 34A 65D 65Dlc 65F 65Fp 65Fu 65Fz 65N 65Nm 65Np Bionomy: Larva on Quercus, Populus (Hampson,1905).
383. **Orthosia rubricosa (Esper,[1786])** (Noctuidae) Synonym(s): *#miniosa* [Denis & Schiffermüller],1775; *rubricosa* Esper, [1786]. Taxonomical Reference: *Phalaena rubricosa* Esper, [1786], Die Schmett. 2 (3): 381, Tab.75 figs.3-4. Syntypes: [Germany]: [Erlangen], [Mittelfranken]: Neustadt. Range (in code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE FI EE LV LT RU Cc Ro Nt Ich Da MD UA BY 05 06 07 09 11 13 17 21 30 31 33 43 46 49 51 56 58 62 63 65 73 06R 06Rb 13D 13Da 13G 13Ga 21N 21Nh 31K 31Ka 33G 43D 49E 49Ea 51D 51Da 56F 65F 65Fu 73A 73Ab Bionomy: Larva on Quercus (Fagaceae) (Kemal,2008).
384. **Parascotia detersa (Staudinger,1892)** (Noctuidae) Synonym(s): *detersa* Staudinger,1892 Taxonomical Reference: *Boletobia detersa* Staudinger,1892, Dt. ent. Z., Iris 4: 333. Syntypes: [Türkei]: Antiochia [=Antakya], Hadjin [=Saimbeyli], Taurus. Range (in code): Cr TR LB Bsa CY IR Km 01 07 13 17 31 33 13C 13Cf 31A 33G
385. **Peridroma saucia (Hübner,[1808])** (Noctuidae) Synonym(s): *saucia* Hübner,[1808]; *majuscula* Haworth,1809; *margaritosa* Haworth,1809; *aequa* Hübner,[1813]; *orophila* Geyer,1837; *inermis* Harrison,1841; *infusata* Blanchard,1852; *stictica* Blanchard,1852; *ambrosioides* Walker,[1857]; *impacta* Walker,[1857]; *intecta* Walker,[1857]; *angulifera* Wallengren,1860; *ortonii* Packard,1869; *phillipsi* Caspari,1899; *ochronota* Hampson,1903; *cyrnaea* Spuler,1908; *tenebricosa* Schawerda,1929. Taxonomical Reference: *Noctua saucia* Hübner,[1808], Samml. eur. Schmett., Noct. 2: Taf.81, fig.378. Type: [Europa]. Range (in code): MA DZ TN DhM Ges Abe Bsk Ktr Blid Agi BSa BtNa Tlm PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR GG Smt Bjo Lag AZ AM Cc IR Ra Mz Elb Lo GlS LB Bsa DK NO SE FI LT RU Ro Kr St MD UA BY PK Hu IN Up Bhi IL Hf Pa SY JO ZA Hrh Mzg 01 05 06 08 16 17 18 22 29 31 33 34 38 42 46 50 51 58 63 70 80 05A 06F 06Fb 16A 38H 38Hc 58G 63D
386. **Perigrapha (Opacographa) (Turcographa) rorida (Frivaldsky,1835)** (Noctuidae) Synonym(s): *rorida* Frivaldsky,1835; *ganimetæ* Kornosor & Lödl,1990 Taxonomical Reference: *Orthosia rorida* Frivaldsky,1835, Tarsas. Tud. Akad. Evkönyv. 2: 272. Type(s): Balkans. Range (in code): ES FR Co Sa IT YU MK AL BG GR Cr Rd TR IQ Cc GG Tbl 01 05 06 07 09 15 16 17 21 31 32 33 35 43 45 46 56 62 05A 06R 06Rb 16A 21N 21Nh 33G 56A
387. **Phyllophila melacheila (Staudinger,[1896])** (Noctuidae) Synonym(s): *melacheila* Staudinger,[1896] Taxonomical Reference: *Erastria ? melacheila* Staudinger,[1896], Dt. ent. Z., Iris 8: 299. Type ♀: [Türkei, Hatay Prov.]: Kleinasien: Akbes. Range (in code): TR 31 31M
388. **Polymixis (Bischoffia) bischoffi (Herrich-Schäffer,1850)** (Noctuidae) Synonym(s): *bischoffi* Herrich-Schäffer,[1850] Taxonomical Reference: *Polia bischoffi* Herrich-Schäffer,[1850], Syst. Bearb. Schmett. Eur. 2:265. Type(s): [Turkey]: Konstantinopel [=Istanbul]; Lectotype: İzmir. Range (in code): GR Sms Ae TR SY LB Bei IQ 01 05 06 07 31 33 34 42 44 46 63 01K 06E 06Ea 07B 31F 42B 44F 44Fb 63E
389. **Polymixis (Myxinia) rufocincta (Geyer,1828)** (Noctuidae) Synonym(s): *rufocincta* Geyer,[1828]; *farinosa* Freyer,1848; *mucida* Guenée,1852. Taxonomical Reference: *Noctua rufocincta* Geyer,[1828], [in] Hübner, Samml. eur. Schmett. 2, Noctuae. Taf.160, figs.747-748. Syntypes: Fiume [=Rijeka]. Range (in code): FR Sa Si IT CH AT HU RO YU AL BG GR Cr Rd TR Cc AZ Kir CY LB Bsa IL Pa Hf JO IR Fa RU Kr Nt Da Kap 01 05 06 08 13 31 44 46 56 58 62 05A 06E 06Ea 06R 06Rb 06Rq 06Y 13C 13Cf 58G
390. **Polymixis (Serpmixis) ivanchiki Pekarsky,2012** (Noctuidae) Synonym(s): *ivanchiki* Pekarsky,2012 Range (in code): LB Bei IL Pa Js TR IR Km Ksh 31 63 31L 63E
391. **Polymixis (s.str.) ancepsoides Poole,1989** (Noctuidae) Synonym(s): *anceps* Staudinger,1898 nec Stph.,1850; *ancepsoides* Poole,1989 Range (in code): JO IL Jt Pa TR CY 31

392. **Polyphaenis propinqua Staudinger,[1896]** (Noctuidae) Synonym(s): *propinqua Staudinger,[1896]* Taxonomical Reference: Polyphaenis sericata var. propinqua Staudinger,[1896], Dt. ent. Z., Iris 8: 298-299. Syntypes 2♂: [Türkei, Hatay Prov.]: Kleinasien: Akbes. Range (in code): **TR LB Bsa Bei IL Pa SY JO 01 31 46 31M** Bionomy: Larva on Lonicera (Wiltshire,1935).
393. **Pseudenargia regina (Staudinger,1892)** (Noctuidae) Synonym(s): *regina Staudinger,1892* Taxonomical Reference: Cosmia regina Staudinger,1892, Dt. ent. Z., Iris 4: 297-299, Taf.iv fig.2. Syntypes: [Türkei]: Amasia, Gjaour Dagħ [Maras]. Range (in code): **DZ DhM TN TR Cc LB IL Pa JO IQ Brs Ry Rwz Dia 01 03 05 06 08 13 18 31 33 36 42 46 50 51 58 62 65 05A 13D 13Da 50G 50Gd**
394. **Sesamia cretica Lederer,1857** (Noctuidae) Synonym(s): *cretica Lederer,1857; cyrnaea Mabilie,1866; fraterna Moore,1882; striata Staudinger,1888; pecki Tams,1938* Taxonomical Reference: Sesamia cretica Lederer,1857, Noct. Eur.:124. Type(s): [Greece]: Creta: Candia. Range (in code): **Cn MR MA DZ Abe Prr Sbd DhM TN LY EG ES FR Co Sa Si IT MT DE YU AL BG GR Cr TR IR Mz Hz B-A Ss Fa Elb Mz Th Kdj RU Cc Ro Kr Nt Ich Ing Da AF Srb EG Sn SA IL Hf Pa LB JO SY IQ Bgd Agh SD ET SO TM UZ IN Hp ZA 02 07 20 23 31 33 35 46 48 63** Bionomy: Larva on Zea mays, Sorghum halepense, Pennisetum typhoideum, Saccharum spontaneum, Saccharum aegyptiacum, Idhrah sufra (Balachowsky & Mesnil,1936; Wiltshire,1957; Hacker,1989).
395. **Spodoptera cilium Guenée,1852** (Noctuidae) Synonym(s): *cilium Guenée,1852; cycloides Guenée,1852; capicola Herrich-Schäffer,[1854]; latebrosa Lederer,1855; insignata Walker,1857; orbicularis Walker,1857; praeterita Walker,1857; procedens Walker,1857; obliterans Walker,1862; infixia Walker,1862; insulsa Walker,1865; imperviata Walker,1865; retrahens Walker,1870.* Taxonomical Reference: Spodoptera cilium Guenée,1852, [in] Boisduval & Guenée, Hist. nat. Ins. Noct. 1: 156. Type(s): Indie (MNHNP). Range (in code): **DZ Bsk PT ES Mu FR Co Sa? Si IT MT GB BG Cr TR IL Pa Hf LB Bei Bsa IQ Bsr Amr Agh Bgd IR Km Hz CY PK Bl Qu Haz Cte AF Srb IN ZA Nta Kzu Est Wca Cto Ec ZW Har KE TH Bnk 09 31 58 09K 09Ka 31K 31Ka** Bionomy: Larva on Cynodon dactylon [Bermuda grass], Axonopus compressus [carpet grass] (Poaceae) (Lewvanich,2001).
396. **Spodoptera exiguum (Hübner,[1808])** (Noctuidae) Synonym(s): *exigua Hübner,[1808]; fulgens Geyer,[1832]; pygmaea Rambur,1834; junceti Zeller,1847; caradrinoides Walker,1856; flavimaculata Harvey,1876; venosa Butler,1880; sebhana Austaut,1880; antipodea W.Warren,1914; protector De Laever,1985.* Taxonomical Reference: Noctua exigua Hübner,[1808], Samml. eur. Schmett. Noct.2, Taf.78 fig.362. Type(s): Europa. Range (in code): **MA DZ TN PT ES Mu FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR GG AZ AM Cc DK NO SE FI EE LV LT RU MD UA BY CY LB Bsa IQ Agh Bgd Qr Amr KW PK Bl Qu AF Hr Gbh Srb Arh Dwe Kab ZA Gau Pre Tva Nta Kzu Dbn Est ZW IL Hf Rd Pa IR TH Fa Lo By Kz Yas Ke Hz B-A Ss Ha Kh Ab Oru Mz Elb Dam Kdj Kh Gh Bu Dlk Ro St Kb Nt Ich Ing Da ET ET24 YE Ad CV Az Md Cn Hw CA US Cp Rw Ges Ktr Agi Lgt Bsa Gha Gtt Omy Ogl Gle Khh Blid Sét Abe Bsk Perr Sfr Btina Hmk DhM Hrh Onç Ah Ajj 01 05 07 08 13 14 16 17 18 21 25 27 29 30 31 32 33 36 38 42 43 44 45 46 50 51 52 56 58 63 64 65 69 05A 13A 13B 16A 21N 21Nc 33G 44I 44Ic 56F 58N 63D 65D 65F1 65Fz 65K 65Ku 65Kp 65L 65Lb 65Nc 65N 65Nc4 65Np1 65Np5 65Nm** Bionomy: Larva on Zygophyllum simplex (Hampson,1896); also pest on Vicia faba, Gossypium, Hibiscus esculentus in Iraq (Wiltshire,1957).
397. **Spodoptera littoralis (Boisduval,1833)** (Noctuidae) Synonym(s): *littoralis Boisduval,1833; retina Freyer,1845; testaceoides Guenée,1852; metriodes Bethune-Baker,1911.* Taxonomical Reference: Hadenia littoralis Boisduval,1833, Faune ent. Madagascar:91, Taf.13 fig.8. Syntypes: Maurica, Bourbon, Madagascar. Range (in code): **ET ET24 ZA PT ES Mu FR Co Sa Si IT MT GB NL DE CH AL GR Cr TR CY DK SE FI IQ IR Ke Bu Dlk Hz B-A IL Pa Hf YE Ad 07 31 33 48 48D**
398. **Xanthia castanea (Osthelder,1933)** (Noctuidae) Synonym(s): *#castanea W.Warren,1911; castanea Osthelder,1933; pontica Kljutshko,1968* Range (in code): **RO YU BG GR Cr CY TR LB IL Pa RU UA Cm 05 06 07 09 11 15 31 32 33 34 43 46 58 62 05A 07C 11A 11Aa 31K 31Ka 33G 34S** Bionomy: Larva on Quercus coccifera (Wiltshire,1948).
399. **Standfussiana nictymera (Boisduval,[1837])** (Noctuidae) Synonym(s): *nictymera Boisduval,[1837]; carriei Boursin,1948.* Taxonomical Reference: Agrotis nictymera Boisduval,[1837], Icon. Hist. Lépid. Eur. 2: Taf.78, figs.1,2. Type(s): Europa. Range (in code): **FR IT? CH GR CY TR Cc AM RU Kb Nt Da IR Elb Th Mz 04 05 06 25 31 33 36 42 46 50 51 58 60 65 66 69 05A 06E 05Ea 06R 06Rq 25C 25Ca 25T 65G 65Ge**
400. **Valerietta niphopasta (Hampson,1906)** (Noctuidae) Synonym(s): *niphopasta Hampson,1906* Taxonomical Reference: Lamprosticta niphopasta Hampson,1906, Cat. lepid. Phalaenae Br. Mus. 6: 313. Syntypes: [Turkey]: Syria: Akbes (BMNH). Range (in code): **TR 01 06 07 31 33 42 62 06R 31M 33H**
401. **Xestia (s.str.) kermesina (Mabilie,1869)** (Noctuidae) Synonym(s): *kermesina Mabilie,1869; cermesina Hampson,1903; grisea Fernandez,1908; albida Ribbe,1912; darroensis Ribbe,1912; astigmata Rothschild,1914; flavida Oberthür,1918; divitefimbriata Oberthür,1918; delectans Oberthür,1918; uclesina*



- Fernandez,1918; sylvicola Turati,1930; #viridibrunnea Bytinski-Salz,1937* Taxonomical Reference: *Noctua kermesina* Mabille,1869, *Annls Soc. ent. Fr.* (4) 9: 55, pl.2 fig.10. Type: Corsica. Range (in code): MA DZ BtNa Afl Lbs Ges TN LY PT ES FR Co Sa TR 31
402. **Xestia (s.str.) xanthographa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *xanthographa* [Denis & Schiffermüller],1775; *tetragona* Haworth,1809; *budensis* Freyer,1838; *elutior* Alpheraky,1887; *funerea* Gauckler,1901; *trumani* Smith,1903; *praecipuina* Rothschild,1914; *almohada* F.Wagner,1918; *faroulti* Rothschild,1920; *lepida* Constantini,1922; *algorica* Corti & Draudt,1933 Taxonomical Reference: *Noctua xanthographa* [Denis & Schiffermüller], 1775, *Ankündigung syst. Werkes Schmett. Wienergegend:* 83. Type(s): [Austria]: Vienna district. Range (in code): MA DZ Ges Lbs DhM BtNa Abe Perr TN PT ES An FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR DK NO SE FI EE LV LT RU Cc Ro Kr St Nt Ich MD UA BY IQ Agh Bgd IR Elb Kh Nys UZ Fe Tas EG Sn JO IL Hf Pa LB 01 05 13 20 31 33 42 62 05A 13C 13Cf 31F
403. **Xylocampa areola (Esper,[1789])** (Noctuidae) Synonym(s): *areola* Esper,[1789]; *lithorhiza* Borkhausen,1792; *operosa* Hübner,[1808] Range (in code): PT ES FR Co Sa IT IE GB BE NL LU DE CH AT PL BG TR DK NO SE RU MD UA BY 31 31K 31Ka Bionomy: Larva on *Lonicera*.
404. **Zethes insularis Rambur,1833** (Noctuidae) Synonym(s): *insularis* Rambur,1833 Taxonomical Reference: *Zethes insularis* Rambur,1833, *Annls Soc. ent. Fr.* 2: 29. Syntypes: [France]: Korsica. Range (in code): MA DZ Orn Hrh Hmk Dzc Ges Sfr TN LY PT ES Mu FR Co Sa Si IT YU BG GR Rd TR CY IR Fa Mia Kaz Sse Ke By Kz Yas Lo IQ Ssa LB Bei IL Pa Hf SY JO 02 05 07 10 14 16 21 22 31 33 35 42 45 48 63 02E 02Ec 05A 16A 21N 21Nh 33L

## Notodontidae

405. **Cerura (s.str.) vinula (Linnaeus,1758)** (Notodontidae) Synonym(s): *vinula* Linnaeus,1758; *minax* Hübner,[1803]; *teberdina* Kornejev,1939 Taxonomical Reference: *Phalaena vinula* Linnaeus,1758, *Syst. Nat. (Edn.10)* 1: 499. Range (in code): ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR GG Smt Bjo Mng Lag AM AZ Kir Cc TR DK NO SE FI EE LV LT RU Kb Teb MD UA BY IQ Agh IR Ab Oru Ak Shf Kh AF Nu Bsg Kab CN Ui Khr Um 03 06 07 12 13 15 16 24 25 30 31 32 33 34 35 36 42 43 45 46 49 56 58 60 62 64 65 03A 03Aa 04E 04Ea 04I 06R 06Ra 06E 06Ea 07C 13G 13Gw 13Gs 25F 30Bd 30Bh 30D 30Da 31A 31Aa 33F 36D 36F 42D 42J 49E 49Ea 56F 58G 58N 60C 62G 64F 65D 65Dc 65Dj 65F 65Fg 65Fz 65N 65Np1 65Nm
406. **Clostera pigra (Hufnagel,1766)** (Notodontidae) Synonym(s): *pigra* Hufnagel,1766; *reclusa* [Denis & Schiffermüller],1775; *alticaudafurcata* Retzius,1783; *suffusa* Stephens,1835; *superior* Rangnow,1935; *#flavidior* Bytinski-Salz,1936 Range (in code): PT ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR GG Tbl Smt Bjo AZ Kir AM Cc DK NO SE FI EE LV LT RU MD UA BY IQ CN Ui Ku 04 06 08 12 14 24 30 31 36 42 44 46 49 56 58 60 62 65 04E 04Ea 06R 08H 30B 30Bd 30Bh 30Bg 30D 30Da 36F 42B 49E 49Ea 56F 56F3 56F1 56Fw 60C 62E 65D 65Dh Bionomy: Larva on *Populus*, *Salix* (Wiltshire,1957).
407. **Furcula interrupta (Christoph,1867)** (Notodontidae) Synonym(s): *interrupta* Christoph,1867; *leucotera* Stichel,1911; *sureyae* Rebel,1933; *hoeferi* Bytinski-Salz,1936; *leucotera* Lenek,1969; *#syreyae* Schintlmeister,1989. Taxonomical Reference: *Harpyia interrupta* Christoph,1867, *Stettin ent. Ztg.* 28: 233-234. Syntypes ♂♂: Russia, Sarepta. Range (in code): TR IR Ha Cc AZ Nv Ord Kir Elb Th Kdj Tbz IQ Shq Bgd IL Pa LB Bsa Bei SY Hms CY RU Sr UZ Fe Man CN Ui Ku 01 02 05 06 07 12 15 19 26 30 31 33 40 42 44 46 56 60 62 63 71 01A 02E 06R 06Ra 06K 06Kc 07B 19C 19P 26K 31A 31Aa 33P 40G 42B 42D 56F 60C 62G 63E 71B 71Ba
408. **Harpyia milhauseri (Fabricius,1775)** (Notodontidae) Synonym(s): *milhauseri* Fabricius,1775; *terrifica* [Denis & Schiffermüller],1775; *vidua* Knoch,1781; *albida* Daniel,1932 Taxonomical Reference: *Bombyx milhauseri* Fabricius,1775; *Syst. Ent.*: 577. Type(s): [Germania]: Dresden. Range (in code): PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE LV LT RU MD UA BY IQ 05 06 07 10 12 13 14 21 24 30 31 33 37 42 46 49 53 56 60 62 64 65 66 71 73 05A 06R 06Ra 06Rb 07B 10U 12A 12Aa 13G 13Gy 14B 21N 21Nh 30B 30Bg 30Bh 31K 31Ka 33G 33F 37P 42B 49E 49Ea 53M 53N 56A 56F 64F 65D 65Ds 65Dy 65F 65Fe 66P 71C 71Cc 71D 73C 73Ce Bionomy: Larva on *Quercus* (Staudinger,1879).
409. **Spatalia argentina ([Denis & Schiffermüller],1775)** (Notodontidae) Synonym(s): *argentina* [Denis & Schiffermüller],1775 Taxonomical Reference: *Bombyx argentina* [Denis & Schiffermüller], 1775, *Ankündigung syst. Werkes Schmett. Wienergegend:* 62, Tab. Ia-b fig.2. Type(s): [Austria]: Vienna district. Range (in code): ES FR Si IT DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc IQ LB Bsa 05 06 07 08 10 12 13 14 16 17 20 21 24 30 31 32 33 35 42 46 49 56 61 62 64 65 66 71 73 80 05A 06R 06Ra 06Rb 07C 08H 10D 10N 10P 10U 12A 12Aa 13F 13G 13Gy 13Gg 14B 14Bb 16A 17E 17H 17M 21N 21Nb 21Nc 30B 30Bd 30Be 30Bh 33E 33F 42B 42R 46D 49E 49Ea 56F 60C 61L 62E 64A 64F 65D

**65Dl 65Dlc 65Ds 65F 65Fe 66P 71D 73A 73Ab 73Ad 73Ad2 73Ae 73C 73Ce 73Cd 8oC** Bionomy: Larva on *Quercus robur* ([Denis & Schiffermüller],1775 et seq.).

## Oecophoridae

410. **Agonopterix assimilella (Treitschke,1832)** (Oecophoridae) Synonym(s): *assimilella* Treitschke,1832; *irrearella* Stephens,1834; *reticulatella* Bruand,1850 Range (in code): **PT ES FR Sa IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL GR TR DK NO SE EE LV LT RU MD UA BY Cc 31 31M** Bionomy: Larva on *Cytisus*, *Genista* (Fabaceae) (Parenti,2000).
411. **Agonopterix cachritis (Staudinger,1859)** (Oecophoridae) Synonym(s): *cachritis* Staudinger,1859; *epicachritis* Ragonot,1895 Range (in code): **DZ ES Sa DZ LB Bei TR 31 31M**
412. **Depressaria amblyopa Meyrick,1921** (Oecophoridae) Synonym(s): *amblyopa* Meyrick,1921 Taxonomical Reference: *Depressaria amblyopa* Meyrick,1921, Exot. Microlepid. 2: 392-393. Syntypes 2♀: [Turkey]: "Asia minor, Alma Dagħ; [Israel] Palestine, Haifa". Range (in code): **TR IL Hf Pa 31**
413. **Depressaria discipunctella Herrich-Schäffer,1854** (Oecophoridae) Synonym(s): *discipunctella* Herrich-Schäffer,1854 Range (in code): **MR MA ES FR Si IT GB BE NL DE SK RO YU BG GR TR LB Bei Bsa AF Blh MN IR Th Elb UA Cm Cc GG AZ KG TM UZ SA 31 46** Bionomy: Larva on *Heracleum*, *Peucedanum*, *Pastinaca*, *Angelica*, *Coriandrum*, *Ferula* (Apiaceae) (Lvovsky,2001).
414. **Esperia imitatrix (Zeller,1847)** (Oecophoridae) Synonym(s): *imitatrix* Zeller,1847 Taxonomical Reference: *Dasycera imitatrix* Zeller,1847, Isis 1847: 35. Syntypes: "Rhodus, Flos, Mermeriza". Range (in code): **GR Cr Rd TR LB Bei 06 31 38 45 46 48 65 06R 06Rb 31K 31Ka 31M 48G 65D 65Dn 65F 65Fb**
415. **Esperia oliviella (Fabricius,1794)** (Oecophoridae) Synonym(s): *oliviella* Fabricius,1794 Range (in code): **PT ES FR Si IT GB BE NL DE CH AT CZ SK HU RO YU AL BG GR TR RU MD UA BY 16 31 34 16A 31M**
416. **Pleurota (s.str.) pyropella ([Denis & Schiffermüller],1775)** (Oecophoridae) Synonym(s): *pyropella* [Denis & Schiffermüller],1775 Taxonomical Reference: *Tinea pyropella* [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 137. Type(s): [Austria]: Vienna district. Range (in code): **DZ PT ES FR Co Sa Si IT DE CH AT CZ SK HU RO YU AL BG GR Cr TR Cc LB Bsa CY RU MD UA BY 05 06 10 16 31 40 42 44 46 51 56 65 73 75 05A 06R 06Rb 06Rd 10K 10Ka 16A 31M 56Dh 56Dg 65D 65N 65Np2 65Nm 73D 73Df 73Dfc 73E 73Eb 73H 73Hb 75D** Bionomy: Larva on *Salvia* (Mann,1862).

## Pterophoridae

417. **Emmelina monodactyla (Linnaeus,1758)** (Pterophoridae) Synonym(s): *monodactyla* Linnaeus,1758; *sibiricus* Caradja,1920. Taxonomical Reference: *Phalaena Alucita monodactyla* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 542. Type(s): Europa. Range (in code): **Cn Md MZ DZ TN LY Cy PT ES FR Co Sa Si IT MT IC IE GB BE NL LU DE CH AT PL CZ SK HU RO YU HV B-H MK SS AL BG GR Cr TR CY IL Pa IQ Zq LB Bsa Bei AM DK NO SE FI EE LV LT RU MD UA BY KG UK CN Ui Ku Pkn Hph Stg She Ts SY Hal JO Dia Bgd Mo Kc Teb Cc Cm Sr Sb Ur St No VI Bn Aa Lps KK Ik Al TM Kp TJ UZ Man AF Sfk Kot Shah Srb Kab Hr Dwe Pli Bark Blh Bd Fz Bsg PK Swa Haz IN Ch Ld SA SA63 YE Sna EG EG11 US Cf Tgo IR Elb Kdj Th Gor Gh Clu Kz Dzf Ha Lo Es Ke Jrf Ab Oru Khy Ak Tbz Zj Kh Msh Se GlS MA Ifr Ouk Anna Bsk Ski Cst Clo Sfx Tun 05 06 07 09 10 14 16 23 29 31 33 34 36 38 46 50 59 61 05A 06R 10K 10Ka 16A** Bionomy: Larva on *Convolvulus arvensis*, *C.spithamea*, *C.microphyllus*, *C.cantabrica*, *C.althaeoides*, *C.floridus*, *Calystegia sepium*, *C.soldanella*, *Calluna*, *Erica*, *Vaccinium*, *Chenopodium*, *Antirrhinum*, *Ipomoea batatas*, *I.hispida*, *I.purpurea*, *Hyocyamus niger*, *Datura*.
418. **Gillmeria ochrodactyla ([Denis & Schiffermüller],1775)** (Pterophoridae) Synonym(s): *tetradactyla* Linnaeus,1758; *ochrodactyla* [Denis & Schiffermüller],1775; *dichrodactylus* Mühlhig,1863; *bosniaca* Rebel,1904 Range (in code): **FR IT GB BE NL LU DE CH? AT PL CZ SK HU RO YU AL BG TR DK NO SE FI EE LV LT RU MD UA BY Cc AM CN Ui 05 06 16 31 46 05A 16A** Bionomy: Larva on *Tanacetum vulgare* (Asteraceae) (Gielis,1996).
419. **Marasmarcha lunaedactyla (Haworth,[1811])** (Pterophoridae) Synonym(s): *lunaedactyla* Haworth,[1811]; *phaeodactyla* Hübner,[1813]; *agrorum* Herrich-Schäffer,1855; *fauna* Millière,1876; *altaica* Krulikowsky,1906; *tuttodactyla* Chapman,1906 Range (in code): **PT ES FR IT GB BE NL LU DE CH AT PL CZ SK HU RO GR TR SE FI EE RU MD UA BY 31 31M**



420. **Paracapperia anatolica (Caradja,1920)** (Pterophoridae) Synonym(s): *anatolica* Caradja,1920. Taxonomical Reference: Capperia anatolica Caradja,1920, Dt. ent. Z., Iris 34: 79. Syntypes 6♂♀: [Türkei]: "Ak Chehir". Range (in code): Cc GG Im Kta TR SY Hal IR TJ Dsb Kd 05 07 31 33 42 56 58 66 70 71 58G
421. **Pterophorus pentadactylus (Linnaeus,1758)** (Pterophoridae) Synonym(s): *pentadactylus* Linnaeus,1758; *tridactyla* Scopoli,1763; *sulphurea* Staudinger,1880. Taxonomical Reference: Alucita pentadactyla Linnaeus,1758, Syst. Nat. (Edn.10) 1: 542. Range (in code): PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU HV B-H MK AL BG GR Cr TR DK NO SE FI EE LV LT RU Kb Teb No St Us Prj Sr Tt MD UA Cm BY SY Hal Cc Kc Teb AM AZ GG IR Ab Oru Gor GlS Mz Gh Nos TM KG Tk Dj TrA Aa CN Ui Ku Yu Sz Mc Jn TW 04 05 06 08 14 16 24 31 34 42 44 46 50 58 61 65 76 05A 06R 16A 31M 58G 65D 65Do 65Doa 76C Bionomy: Larva on Convolvulus arvensis, Calystegia sepium (Convolvulaceae) (sensu auct.).
422. **Pterophorus subalternans Lederer,1869** (Pterophoridae) Synonym(s): *subalternans* Lederer,1869 Taxonomical Reference: Pterophorus (Aciptilus) subalternans Lederer,1869, Horae Soc. ent. ross. 6: 93, Taf.v fig.15. Syntypes 3 ex.: Iran: Astrabad (Gorgan) leg. Haberhauer; Türkiye: Brussa [Bursa]. Range (in code): TR IR Gor 16 31 16A 31M
423. **Stangeia siceliota (Zeller,1847)** (Pterophoridae) Synonym(s): *siceliota* Zeller,1847; *ononidis* Zeller,1852; *ononydactyla* Bruand,1858; *siceliotidactyla* Bruand,1858. Taxonomical Reference: Pterophorus siceliota Zeller,1847, Isis 1847 (12): 907. Range (in code): MA DZ TN DZ Cn PT ES Mu FR Co Sa Si IT YU MK HV BG GR Cr CY TR Cc AM Eri SY Dms LB Bei Bsa Bmm JO Zq Amm IL Js Jt Pa AF Srb IR IQ Bgd SA As OM YE CN Hun 07 09 16 23 31 34 36 38 44 50 58 76 16A 31M Bionomy: Larva on Cistus monspeliensis, C.albidus, C.salviaefolius (Cistaceae), Dittrichia viscosa, D.graveolens, Helichrysum angustifolium (Asteraceae) (Arenberger,2002).
424. **Stenoptilodes taprobanes (R.Felder & Rogenhofer,1875)** (Pterophoridae) Synonym(s): *taprobanes* R.Felder & Rogenhofer,1875; *brachymorpha* Meyrick,1888; *seeboldi* Hofmann,1898; *crenulata* Barnes & McDunnough,1913; *phaenicodactyla* Chrétien,1915; *terlizzii* Turati,1926; *zavattarii* Hartig,1953; *legrandi* Bigot,1962. Taxonomical Reference: Amblyptilia taprobanes R.Felder & Rogenhofer,1875, Reise österr. Fregatte Novara, Lep. Het.: pl.140 fig.54. Type: India (BMNH). Range (in code): TD SY LY SC NG ZA Nta Kzu Dbn PT ES FR Si IT MT BG GR Cr CY TR IR IL FI CN Kwt Kwa MM JP TH Nst CMa IN LK US Hw MW 31 33 46 31M 33A Bionomy: Larva on Centipeda minima, Spergularia media, Celsia coromandeliana, Antirrhinum, Clinopodium vulgare, Vaccinium, Campylanthus salsoloides, Plectranthus (sensu auct.).
425. **Wheeleria obsoleta (Zeller,1841)** (Pterophoridae) Synonym(s): *obsoleta* Zeller,1841; *confusa* Herrich-Schäffer,1855; *desertorum* Zeller,1867; *gonoscia* Meyrick,1922; *marrubii* Wasserthal,1970. Range (in code): FR Sa Si IT AT CZ SK HU RO YU B-H HV MK BG GR TR Cc RU Or MD UA BY IL Jt Js Pa SY Hal Dms Ltk IR Fa Shr Ha Kdj Elb Th Dam Gor GlS Se Ar Es Ab Mak Km Hz Jrf Kh TM Kp CY JO Zq 05 06 07 14 16 29 31 36 38 42 44 46 47 50 51 55 58 65 71 76 05A 06R 06Y 16A 31M 42E 58G 65N 65Np2 65Nm 76C

## Pyalidae

426. **Achyra nudalis (Hübner,1796)** (Pyralidae) Synonym(s): *nudalis* Hübner,1796; *interpunctalis* Hübner,1796; *unipunctalis* Duponchel,1831; *bipunctalis* Duponchel,1832; *pauciferalis* Walker,1865; *nodalis* Gundlach,1891; *ochromorpha* Lower,1901 Taxonomical Reference: Pyralis nudalis Hübner,1796, Samml. eur. Schmett. 6, Pyralides: Tab.14 fig.90. Type(s): Europa. Range (in code): DZ Clo PT ES FR Co Sa Si IT MT HU YU B-H AL BG GR Cr CY TR Cc Ce Gro Ao GG Tbl Len AZ Kir Nv Ord YE IL Pa Hf LB IR Es Fa Shr Th Elb Kdj Kz Sde Ana Ke Put Mz IQ Bgd AF Hr Ca Blh Pli Arh Dwe Fz Bkt PK Sd Krc CN Ui MN LK IN ZA SA NE ZR KE 01 16 23 27 31 33 46 76 16A 31A 31H 31K 31M 76A 76Aa 76B 76Ba 76Bb Bionomy: Larva on Amaranthus graecizans (Wiltshire,1957; Amsel,1959).
427. **Acrobasis glaucella Staudinger,1859** (Pyralidae) Synonym(s): *glaucella* Staudinger,1859; *fallouella* Ragonot,1871; *anatolica* Caradja,1910. Taxonomical Reference: Acrobasis glaucella Staudinger,1859, Stettin ent. Ztg. 20: 255. Syntypes: Spain: Granada. Range (in code): DZ Lbs LY Cy PT ES FR Co Sa Si IT DE CH AT CZ SK HU RO YU BG GR Cr CY RU MD UA BY TR IL Pa Hf IR Ab Ak Elb Fa LB Bsa 01 05 06 13 31 35 42 46 65 71 05A 13F 31M 42B 65D 65Du 65Dv 65Dt Bionomy: Larva on Quercus (Fagaceae) (Parenti,2000).
428. **Acrobasis legatea (Haworth,[1811])** (Pyralidae) Synonym(s): *legatea* Haworth,[1811]; *legatella* Hübner,1796 nec [Den. & Schiff.],1775; *legatalis* Hübner,[1825]; *naumanni* Roesler,1969 Taxonomical Reference: Phycis legatea Haworth,[1811], Lepid. Br (3): 492. Type: Britain. Range (in code): TN Gf

ES FR GB Co Si IT DE CH AT CZ SK HU RO YU GR Cr RU MD UA BY TR LB Bsa IL Pa Hf 05 13 16 31 42  
46 58 05A 13F 16A 31M

429. **Acrobasis obliqua (Zeller,1847)** (Pyralidae) Synonym(s): *obliqua* Zeller,1847; *cinerascens* Turati,1927. Taxonomical Reference: Myeloides obliqua Zeller,1847, Isis 1847: 31. Type ♂: [Greece]: Rhodus. Range (in code): PT Cn ES FR Co Sa Si IT CH YU AL GR Rd CY TR IL Pa LB Bsa 05 09 13 16 31 46 05A 13F 16A 31M

430. **Stemmatophora honestalis (Treitschke,1829)** (Pyralidae) Synonym(s): *honestalis* Treitschke,1829; *marrakechensis* Leraut,2000 Range (in code): MA DZ Sbd PT ES SK HU RO YU AL BG GR TR CY IR Fa Sse Shr Elb Th Kdj IQ Ry LB 05 13 16 31 56 05A 13F 16A 56F 56Fb

431. **Aglossa caprealis (Hübner,[1809])** (Pyralidae) Synonym(s): *caprealis* Hübner,[1809]; *capreolatus* Haworth,1809; *#cuprealis* Hübner,[1825]; *aenalis* Costa,1836; *domalis* Guenée,1854; *incultella* Walker,1866; *enthealis* Hulst,1886 Taxonomical Reference: *Pyralis caprealis* Hübner,[1809], Samml. eur. Schmett. 6, Pyralides: Tab.23 fig.153 Type(s): Europa. Range (in code): MA Az Md DZ Agi Clo Omy PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ HU RO YU AL BG GR CY TR EG IL Pa Hf IR Elb Th Kdj Fa Com LB Cc GG Bjo Kir AZ Nv Ord CN AU 05 16 31 34 45 05A 16A 31M Bionomy: Larva on stored cereals, grass-seeds, dried vegetable, animal refuse (Parenti,2000).

432. **Aglossa pinguinalis (Linnaeus,1758)** (Pyralidae) Synonym(s): *pinguinalis* Linnaeus,1758; *marmorella* Geoffroy,1785; *marmoratella* Villers,1789; *pinguiculatus* Haworth,1809; *pinguinatus* Haworth,1809; *rubralis* Hampson,1900; *guicciardii* Constantino,1922; *sanaensis* Rebel,1930; *maroccana* Schmidt,1934 Taxonomical Reference: *Phalaena pinguinalis* Linnaeus,1758, Syst. Nat. (Edn.10): 533. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 224). Range (in code): MA DZ Onç Gha Gea Ges PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK AL BG GR Cr TR AF Hr DK NO SE FI EE LV LT RU MD UA BY IR Ab Oru EG CY IQ Bgd IL JO LB YE Sna Ax KK Na AF Ca UZ Smk PK Bl Qu Mre Haz IN CN AU 01 05 06 08 16 31 33 34 35 42 45 05A 08H 08Hc 16A 31K 31M Bionomy: Larva on cereal refuse, dried seeds, dried vegetable, animal dung (Parenti,2000).

433. **Agriphila inquinatella ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *inquinatella* [Denis & Schiffermüller],1775; ? *arbustella* Schrank,1802; *nevadensis* Caradja,1910. Taxonomical Reference: *Tinea inquinatella* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 134. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): DZ Eba PT ES An Snv FR Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc DK NO SE FI EE LV LT RU Tt MD UA BY IR JO IL Pa Hf 01 03 05 06 16 31 35 42 44 46 56 65 76 05A 06R 06Rd 16A 31M 44I 44Ic 56F 56Fo 65N 65Nc Bionomy: Larva on Festuca, Poa (Poaceae), *Barbula muralis* (Bryaceae) (Parenti,2000).

434. **Agriphila latistria (Haworth,[1811])** (Pyralidae) Synonym(s): *latistria* Haworth,[1811]; *gueneellus* Duponchel,1836; *monotaeniellus* Herrich-Schäffer,[1852]; *vectifer* Zeller,1863; *vallicolella* Costa,1885. Taxonomical Reference: *Palparia latistria* Haworth,[1811], Lep. Br.: 485. Type ♂: England. Range (in code): DZ Lbs PT ES FR Co Sa Si IT GB BE NL DE YU BG GR Cr DK NO SE RU MD UA BY TR IQ 01 10 16 31 33 10K 10Ka 16A

435. **Agriphila paleatella (Zeller,1847)** (Pyralidae) Synonym(s): *paleatellus* Zeller,1847 Taxonomical Reference: *Crambus paleatellus* Zeller,1847, Isis 1847: 754. Type ♂: [Turkey]: Kleinasien: Smyrna [=Izmir]. Range (in code): Co? Si B-H GR TR GG Cc 06 10 31 35 42 46 51 10K 10Ka 31M

436. **Agriphiloides longipalpellus Bleszynski,1965** (Pyralidae) Synonym(s): *longipalpellus* Bleszynski,1965 Taxonomical Reference: *Agriphiloides longipalpellus* Bleszynski,1965, Microlepid. Palaeart. 1: 400, Taf., figs. Holotype ♂: [Türkei]: Syrien, Akbes [Antakya Pr.]. Range (in code): TR 31 31M

437. **Alophia combustella (Herrich-Schäffer,[1855])** (Pyralidae) Synonym(s): *combustella* Herrich-Schäffer,[1855]; *incinerella* Caradja,1910. Range (in code): DZ Bsk TN Gf PT ES Mu FR Sa Si IT MT HU RO YU GR Tyg TR IR CY IL Pa Hf Js LB Bsa JO RU MD UA BY 05 06 31 46 80 05A 31M 80B 80Bc Bionomy: Larva in galls on *Pistacia atlantica* (Chrétien,1917).

438. **Anania verbascata (Fabricius,1787)** (Pyralidae) Synonym(s): *#verbascalis* [Denis & Schiffermüller],1775; *verbascata* Fabricius,1787; *parvalis* Osthelder,1934. Range (in code): DZ Clo PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR IL Pa Hf IQ Shq DK SE FI EE LV LT Cc GG Lag Tbl Mng Kir AZ IR Mz Gh Tgo 01 05 13 16 31 46 80 01G 01K 05A 13F 16A 31K 31Ka 31M 80B 80Bc Bionomy: Larva on *Teucrium* (Lamiaceae), *Scrophularia*, *Verbascum* (Scrophulariaceae) (Parenti,2000).

439. **Ancylolomia disparalis (Hübner,[1825])** (Pyralidae) Synonym(s): *disparella* Hübner,[1813] *nec* Schr.,1802; *disparalis* Hübner,[1825]; *contritellus* Zeller,1847; *hipponella* Ragonot,1888; *rabatella* Lucas,1937; *griseella* Amsel,1951; *powelli* Lucas,1954. Range (in code): MA DZ Ges PT ES FR Sa Si IT HU GR TR 05 22 31 59 31M



440. **Ancylolomia palpella** ([Denis & Schiffermüller],1775) (Pyrilidae) Synonym(s): *palpella* [Denis & Schiffermüller],1775; *sovinskyi Krulikovsky,1909* Taxonomical Reference: *Tinea palpella* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 134. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): **DZ Lbs Cst PT ES FR IT BE AT SK HU RO YU AL BG GR CY RU MD UA BY IR IQ Shq Amr Mos IL Pa Js LB TR Cc EG TM Kp KG 05 06 10 16 31 33 36 42 46 58 65 71 05A 31M 16A 65D 65Dh 65N 65Nb**
441. **Ancylolomia pectinatella** (Zeller,1847) (Pyrilidae) Synonym(s): *pectinatellus* Zeller,1847 Taxonomical Reference: *Crambus pectinatellus* Zeller,1847, Isis 1847: 747. Type ♂: Sizilien. Range (in code): **Si IT MT HU YU BG GR Cr TR IL Pa Js Hf JO LB IQ Mos IR Ahz CY SY 05 06 16 31 34 35 42 46 05A 16A 31M 46G 46Gi**
442. **Ancylolomia tentaculella** (Hübner,1796) (Pyrilidae) Synonym(s): *tentaculella* Hübner,1796; *irakella* Amsel,1949. Taxonomical Reference: *Tinea tentaculella* Hübner,1796, Samml. eur. Schmett. 8, Tineae: Tab.33 fig.230. Type(s): Europa. Range (in code): **PT ES FR Co Sa Si IT MT GB CH RO YU AL BG GR Cr TR RU Ur MD UA Cm BY CY Cc GG Lag JO IL Pa Hf Js Jt IQ Dia IR LB 01 03 05 06 13 16 21 22 31 33 35 46 50 71 80 05A 13F 16A 21N 21Nb 31M**
443. **Ancylosis (Cabotia) oblitella** (Zeller,1848) (Pyrilidae) Synonym(s): *oblitella* Zeller,1848; *homographis* Hampson,1930; *ischnopsis* Meyrick,1937; *major* Lucas,1948; *ochraeella* Lucas,1948; *boitella* Lucas,1950; *calaritalella* Amsel,1951; *indistinctella* Lucas,1955. Taxonomical Reference: *Ephestia oblitella* Zeller,1848, Isis 1848: 597. Lectotype ♂: Russland: Sarepta (Roesler,1973: 440). Range (in code): **MA TN DZ Bsk LY Cy PT ES FR Sa Si IT MT GB BE NL DE CH AT PL CZ SK HU RO HV MK B-H YU AL BG GR CY DK LV RU Sr MD UA BY TR LB Bei IL Jf Js Hf Pa IQ Mos Bgd Dia IR Elb Th Mz Kh Msh SA SA63 EG AF Hr PK Gg KG Uk TM Kp MN NP 01 06 09 13 21 31 34 42 46 65 71 76 13F 31M 42B 65D 76C** Bionomy: Larva on *Acacia tortilis*, *A. farnesiana*, *Suaeda maritima* (Chrétien,1917; Glaser,1960).
444. **Ancylosis (Heterographis) convexella** (Lederer,1855) (Pyrilidae) Synonym(s): *convexella* Lederer,1855; *albicieliella* Staudinger,1859; *favorinella* Zeller,1867 Taxonomical Reference: *Myelois convexella* Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 222, t.4 fig.9. Lectotype ♂: Libanon: Beirut (designated by Roesler,1973, Microlepid. palaearkt. 4: 401) (ZMB). Range (in code): **Cn MA DZ Ajj Bsk Onç TN Gf LY Cy ES Mu MT YU GR IR Mz Elb Th Ke Fa Ana TM Kp IL Hf Js Pa JO TR IQ Bgd Kbl Mos Dia Bsr BH EG EG11 Sn LB Bei SD SA SA63 CY AF Ca Srb Kab PK Bl Qu Krc 01 03 06 07 13 16 21 31 42 46 63 06R 13F 16A 31M**
445. **Ancylosis (Heterographis) gracilella** Ragonot,1887 (Pyrilidae) Synonym(s): *gracilella* Ragonot,1887; *subcandidatella* Ragonot,1887; *monostictella* Ragonot,1887; *casella* Chrétien,1910; *lybistinella* Turati,1924; *dowsoniella* Richards & Thomson,1932. Taxonomical Reference: *Heterographis gracilella* Ragonot,1887, Annls Soc. ent. Fr. 1887: 248. Syntypes: [Turkmenistan]: Krasnowodsk, [Usbekistan]: Namangan; [Uighur Ili]: Kuldja. Range (in code): **MA TN DZ Bsk LY Cy EG EG11 BH SA SA63 SD MT MK UZ KW JO IL Hf Js Jer Jt Pa LB Bei SY TR Cc IQ Mos Bgd Amr Bsr Kbl IR Elb Th Fa Ahz Ss Kz Sde Aba Ke AF Kab Pag Ca Hr PK Gg TM Krn UZ Fe Man CN Ui Ku 06 16 21 31 38 42 46 71 76 06R 16A 31M 76C**
446. **Ancylosis (Heterographis) rhodochrella** (Herrich-Schäffer,1855) (Pyrilidae) Synonym(s): *rhodochrella* Herrich-Schäffer,1855; *delicatella* Möschler,1860; *ciliatella* Zeller,1872; *lucida* W.Warren,1888; *microstictella* Hampson,1903; *ciliella* Amsel,1961. Taxonomical Reference: *Pyrilis rhodochrella* Herrich-Schäffer,1855, Syst. Bearb. Schmett. Eur. 6: 147. Type ♂: [Algerien]: Lambessa. Range (in code): **DZ Lbs Orn PT ES RU MD UA BY DZ SA SA63 SD TR Cc IL Hf Js Jf Pa LB Bsa SY Dms EG EG11 CY IR Elb Kj Th Kh Msh Fa Shr Cc AM Eri IQ Bsr Mos AF Hr Kab Pag Srb Bd PK Cp IN 01 03 05 06 07 16 21 31 42 46 58 71 76 05A 16A 31M**
447. **Ancylosis (s.str.) cinnamomella** (Duponchel,1836) (Pyrilidae) Synonym(s): *dilutella* Tr.,1832 [n.o.]; *cinnamomella* Dup.,1836; *labeomella* Staudinger,1859; *lafauryella* Rag.,1887; *byzacaeniella* Rag.,1887; *roseopennella* Rag.,1901; *tunesella* Caradja,1910; *fuliginosa* Rothschild,1913; *pictella* Tur.,1922; *ferrugineolineella* Tur.,1924. Taxonomical Reference: *Phycis cinnamomella* Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 190, Pl.279, f.4. Type(s): France: Montpellier. Range (in code): **DZ TN Gf PT ES Mu FR Co Sa Si IT BE LU DE CH AT PL CZ SK HU RO YU AL MK BG GR NO SE FI LV MD RU Or Sb Ur UA BY KG Uk Ind TM TR LB Bei Bsa SY Dms IL Hf Js JO IQ Shq Mos Bsr EG EG11 IR Elb Kj Th Fa Ha Ss AF Kab Kbb Pag CN Ui Ku UZ Man KK T-S Cc AZ Kir MN Mri Eba 01 03 05 06 09 13 14 16 21 26 31 34 42 46 47 65 71 76 05A 13F 16A 65D 65Dg 65Fp 65Fz 76C** Bionomy: Larva on *Sedum* (Crassulaceae), *Globularia* (Globulariaceae), *Artemisia* (Asteraceae) (Parenti,2000).
448. **Angustalius malacellus** (Duponchel,1836) (Pyrilidae) Synonym(s): *malacellus* Duponchel,1836 Taxonomical Reference: *Crambus malacellus* Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 61 Taf.270 fig.5. Type ♀: Spanien: Malaga. Range (in code): **PT ES Grn An FR Sa Si IT HV SS GR Cr CY TR SY IL Js LB Bei Cc GG ET ZA MG IR ET PH TW AU 01 05 07 31 33 34 44 55 56 80 05A 31A 31G 31K 31Ka 44O 44Oc 55E 56F 56Fi**

449. **Anthophilopsis baphialis (Staudinger,1870)** (Pyrilidae) Synonym(s): *baphialis* Staudinger,1870; *plumbiferalis* Christoph,1877; *#baphiale* Caradja,1916; *#oleaginalis* Amsel,1970 Taxonomical Reference: *Anthophilodes baphialis* Staudinger,1870, Horae Soc. ent. ross. 7: 183-184, pl.2 fig.7. Type: Grichenland, Athen. Range (in code): GR TR Cc IL Pa Hf TM Kp IR Ahz Ss Chh Bu Shr Com Fa Enz Gls Irs Ana Ke Gh Tgo KW IQ Bgd Kbl Mos Ry Amr EG EG11 AF Hr In Bmu Dwe Srb Gbh Pli Ca Kab Blh Arh Cc GG Tbl AZ Kir Bak Da Der AM Eri 01 06 31 33 35 42 46 56 63 65 76 80 01K 06R 31A 56F 56Fé 63D 63Dc 65D 65Du 76B 76Ba
450. **Antigastra catalaunalis (Duponchel,1833)** (Pyrilidae) Synonym(s): *catalaunalis* Duponchel,1833; *venosalis* Walker,[1866]; *#sionensis* Caradja,1929 Range (in code): PT ES FR BE Co Sa Si IT MT GB CH CZ HU YU GR DK CY LB Bsa IQ Bgd Dia IR Fa Shr Elb Th Mz Kdj Ss Irs Ke Ana AF Srb Dwe Kab Gbh Hr Bkt TR YE Sk EG IL Hf Pa AE IN CN TW JP AU ZA NA 01 07 13 16 31 46 80 13F 16A 31A 46G 46Gf Bionomy: Larva on *Antirrhinum*, *Linaria*, *Kickxia elatine* (Scrophulariaceae), *Sesamum indicum* (Pedaliaceae), (Hallaman & Sanchez,1982; Murria & King,1999).
451. **Aphomia unicolor (Staudinger,1870)** (Pyrilidae) Synonym(s): *unicolor* Staudinger,1870 Taxonomical Reference: *Melissoblaptes unicolor* Staudinger,1870, Horae Soc. ent. ross. 7: 212. Type ♂: Greece. Range (in code): DZ ES GR BG IT Si TR RU CY KG Uk 16 31 31M
452. **Apomyelois ceratoniae (Zeller,1839)** (Pyrilidae) Synonym(s): *ceratoniae* Zeller,1839; *ceratoniella* Fischer Röslerstamm,1839; *pryerella* Vaughan,1870; *tuerckheimiella* Sorhagen,1881; *dentilinella* Hampson,1896; *psarella* Hampson,1903; *rivularis* W.Warren & Rothschild,1905; *oporedestella* Dyar,1911; *phoenicis* Durrant,1915; *durandi* Lucas,1950 Taxonomical Reference: *Myelois ceratoniae* Zeller,1839, Isis 1839: 176. Type(s): Österreich: Laibach (BMNH). Range (in code): TN Gf DZ Gha Bsk SD PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT CZ HU RO YU AL BG GR Cr CY TR IR IL Pa Hf KK Ax DK NO SE FI LV RU MD UA BY SD ZA AU ID Sum US Fl IN SI Ass 01 17 31 31A Bionomy: Larva on dried fruits, seeds, nuts (Beirne,1954).
453. **Aporodes floralis (Hübner,[1809])** (Pyrilidae) Synonym(s): *floralis* Hübner,[1809]; *stygalis* Treitschke,1829; *siculalis* Duponchel,1833; *conversalis* Duponchel,1834; *meleagrisalis* Walker,1859; *transversalis* Moore,1878; *grisealis* Caradja,1916; *#florealis* Rebel,1939 Taxonomical Reference: *Pyrilis floralis* Hübner,[1809], Samml. eur. Schmett. 6, Pyralides: Tab.22 fig.142. Type(s): Europa. Range (in code): TN Sfx PT ES FR Co Sa Si IT MT DE AT CZ SK HU RO YU AL BG GR Rd Cr TR Cc IR Ahz Kdj Th Elb Nss Fa Shr Com Ss Kh Chh Qz Men IQ Mos Bgd Kbl Shq Ssa Amr GG IL Pa LB YE CY LB AF Ca Hr Bmu Pli Blh Gbh Srb Anh Fz Dwe Kab Arh Sen Pnj Bark Pag Ca Asm CN Ui Yk PK Sd Krc Cp Hf Cc GG Bjo Tbl Kir Da Der AZ IN Mh Bba Kz Sde Irs PL KG Tks Mz DZ Clo Ajj MA 01 05 06 13 16 23 31 33 42 44 46 56 58 61 65 76 01K 05A 13F 16A 31A 31M 42B 46H 46Hc 56F 65D 65Dv 76A 76Ac 76B 76Bb 76C Bionomy: Larva on *Cynara cardunculus* (Asteraceae), *Convolvulus arvensis* (Convolvulaceae) (Slamka,1997).
454. **Arsissa divaricella (Ragonot,1887)** (Pyrilidae) Synonym(s): *divaricella* Ragonot,1887; *#aurantiacella* Caradja,1910; *velocella* Toll,1948; *firusella* Amsel,1961. Taxonomical Reference: *Bradyrrhoa divaricella* Ragonot,1887, Annl. Soc. ent. Fr. (6)7: 240. Type(s): [Usbekistan]: Samarkand (MNHN). Range (in code): UZ Smk TR Cc GG IR Fa Sse Com Ha Ss Kh Th Elb Kdj Nss Km Kd Lo Zj SA SA63 01 12 13 31 46 65 76 12A 12Ab 13F 65D 65Dv 76C
455. **Asalebria (Exophora) florella (Mann,1862)** (Pyrilidae) Synonym(s): *florella* Mann,1862; *chiclanensis* Staudinger,1870; *syriella* Amsel,1954; *joesti* Amsel,1954; *vartianae* Roesler,1969 Taxonomical Reference: *Nephopteryx florella* Mann,1862, Wien. ent. Monatschr. 6: 391, Taf.3 fig.10. Lectotype ♂: [Croatia: Dalmatia]: "Spalato" [Split] designated by Roesler,1993, Microlepid. Palaearct. 8: 183 (NHMW). Range (in code): MA DZ TN Gf PT ES Grn Mu An Sa Co IT FR DE RU RO BG HV DI MK AL GR Kf Tyg TR LB Bsa TR SY Ltk IL Hf Pa Cr 06 09 16 31 42 46 65 16A 31M 65D 65Dv 65F 65Fp 65Fz 65N 65Nc 65Nc4 Bionomy: Larva on *Genista scoparius* (Fabaceae) (Roesler,1993).
456. **Scotomera gnidusalis (Walker,1859)** (Pyrilidae) Synonym(s): *gnidusalis* Walker,1859; *tristis* Butler,1881 Taxonomical Reference: *Aglossa gnidusalis* Walker,1859, List spec. lepid. Colln. Br. Mus. 17: 278. Type: [Sri Lanka]: Ceylon. Range (in code): TR LK PK Cp Sd Krc IQ ZA 31 31M
457. **Bradyrrhoa cantenerella (Duponchel,1837)** (Pyrilidae) Synonym(s): *cantenerella* Duponchel,1837; *ravella* Heydenreich,1851; *subflavella* Ragonot,1887; *sardicolella* Schawerda,1936; *variegatella* Lucas,1948; *brunneella* Lucas,1955 Taxonomical Reference: *Phycis cantenerella* Duponchel,1837, Hist. nat. Lépid. Papillons Fr. 10: 347, Pl.284, fig.8. Type ♂: France: Korsika. Range (in code): MA DZ TN PT ES FR Co Sa Si IT MT CH YU MK GR TR Cc AM KK Na 05 06 16 31 46 65 05A 16A 65D 65Dt
458. **Bradyrrhoa gilveolella (Treitschke,1833)** (Pyrilidae) Synonym(s): *gilveolella* Treitschke,1833 Taxonomical Reference: *Phycis gilveolella* Treitschke,1833, Schmett. Eur. 9(2): 271. Type(s): Ungarn. Range (in code): Si RO YU AL MK BG GR TR IR Ab Cc AM Eri RU MD UA Cm BY KK Na AU 01 05 06 13 16 22 23 29 30 31 44 51 38 42 44 46 51 56 58 65 71 77 05A 13F 13F6 16A 30B 30Bc 30Bc1 31M 44E 44Eh 44I 44Ic 56F 56F1 65D 65Dh 65F 65Fp 65Fz 65N 65Np2 65Np5 65Nr2 65Nm



**Bionomy:** Larva on *Chondrilla ambigua* (= *C. pauciflora*), *C. brevirostris*, *C. cyanorostris*, *C. juncea*, *C. kuznetsovi*, *C. mujunkumensis* (Asteraceae) (Roesler, 1993).

**459. *Cadra figulilella* (Gregson, 1871)** (Pyralidae) Synonym(s): *figulilella* Gregson, 1871; *ficulella* Barrett, 1875; *milleri* Zeller, 1876; *gypsella* Ragonot, 1887; *venosella* Turati, 1926; *ernestinella* Turati, 1927; *#halfaella* Roesler, 1965. **Taxonomical Reference:** *Ephestia figulilella* Gregson, 1871, Entomologist 5: 385.

Type(s): England: Liverpool. **Range (in code):** Cn MR MA DZ Bsk TN Gf LY Cy PT ES B-I FR Co Sa Si IT MT GB BE NL DE CH AT CZ RO YU HV AL BG GR Cr TR CY LB IL JO Pa EG SD SA YE NO SE RU MD UA

**BY IQ IR Elb Shh Mz AF PK NP Ch CN JP KP KR ZA AU 13 31 34 46 71 76 13F 31M 76C** **Bionomy:** Larva on *Allium sativum* (Alliaceae); *Capsicum* (Fagaceae); *Ceratonia siliqua* (Fabaceae); *Citrus reticulata* (Rutaceae); *Ficus carica*, *Morus alba* (Moraceae); *Phoenix dactylifera* (Palmae); *Prunus armeniaca*, *P. avium* (Rosaceae); *Saccharum* (Poaceae); *Vitis vinifera* (Vitaceae) (Robinson et al., 2007).

**460. *Cadra furcatella* (Herrich-Schäffer, [1849])** (Pyralidae) Synonym(s): *furcatella* Herrich-Schäffer, [1849] **Taxonomical Reference:** *Homoeosoma furcatella* Herrich-Schäffer, [1849], Syst.

Bearb. Schmett. Eur. 4: 107. Type(s): Österreich: Alpeleek. **Range (in code):** IR Fa Elb LB IQ Cc AZ GG AF Srb Pag Kab Pic Bd Nu Bsg Bkt UZ LY Cy Co Sa Si IT MA PT ES Mu An Py CZ SK AT HU RO HV B-H YU MK BG AL GR Cr TR RU 01 03 05 06 09 13 16 21 31 42 44 46 65 71 05A 13F 13F6 16A 31M 65D

**461. *Calamotropha hierichuntica* Zeller, 1867** (Pyralidae) Synonym(s): *hierichuntica* Zeller, 1867; *orontella* Ragonot, 1895; *leucaniellus* Zerny, 1914; *hackeri* Ganév, 1985 **Taxonomical Reference:** *Calamotropha hierichuntica* Zeller, 1867, Stettin ent. Ztg. 28: 368. Type ♂: Palestine: Jordantal.

**Range (in code):** JO IL Jt Pa Hf GR TR 31 46 31F 31M

**462. *Cataonia erubescens* (Christoph, 1877)** (Pyralidae) Synonym(s): *erubescens* Christoph, 1877; *monocerialis* Ragonot, 1891; *mineti* Vives, 2001 **Range (in code):** MR ES MT GR TR TM Krn Kp IR Ss Chh AF Srb Bsg Dwe Gbh Asm 01 31 38 46 31M

**463. *Catoptria dimorphella* (Staudinger, 1881)** (Pyralidae) Synonym(s): *dimorphellus* Staudinger, 1881; *haywardi* Rebel, 1939; *aetnella* Zerny, 1943; *wolff* Ganév & Hacker, 1984 **Taxonomical Reference:** *Crambus dimorphellus* Staudinger, 1881, Horae Soc. ent. ross. 16: 81. Lectotype ♀: [Türkei]: Amasia (Bleszynski, 1965: 282). **Range (in code):** ES Si GR Cr TR CY LB Bei 01 05 06 31 42

**44 46 05A 31M 44I 44Ic**

**464. *Chilo pulverosellus* Ragonot, 1895** (Pyralidae) Synonym(s): *pulverosellus* Ragonot, 1895; *brevipalpellus* Zerny, 1914; *fernandez* Joannis, 1932; *lemarchandellus* Lucas, 1945. **Taxonomical Reference:** *Chilo pulverosellus* Ragonot, 1895, Bull. Soc. ent. Fr. 1895: xcvi. Type ♀: [Turquie]: Akbes. **Range (in code):** FR IT BG RU Da Cc TR JO IL Js Jt Pa SY Dms TM UZ Br 13 31 42 46 65 31M 42A 46G 46Gf

**65D 65Dv** **Bionomy:** Larva on *Zea mays* (Bodenheimer, 1930; Bleszynski, 1965).

**465. *Chrysocrambus syriellus* (Zerny, 1934)** (Pyralidae) Synonym(s): *syriellus* Zerny, 1934 **Taxonomical Reference:** *Crambus syriellus* Zerny, 1934, Dt. ent. Z., Iris 448: 2, Taf. 1 fig. 3 Lectotype ♂: Libanon: Becharre (Bleszynski, 1965: 357). **Range (in code):** LB Bsa Bei SY TR IL Pa JO IQ Hjo AF

**05 06 31 46 65 05A 31A 31K 31O 65D**

**466. *Cybalomia pentadalis* (Lederer, 1855)** (Pyralidae) Synonym(s): *pentadalis* Lederer, 1855 **Taxonomical Reference:** *Botys pentadalis* Lederer, 1855, Verh. zool.-bot. Ges. Wien 5: 217-218, Taf. 3 fig. 13. Syntypes 20♂♀: Libanon: Beirut. **Range (in code):** GR CY TR Cc LB Bei TM Kp IR Ahz Fa Shr

**Th Kdj Kh IQ Kbl Bgd Bsr Amr JO IL Pa Js Hf PK Sd Krc 01 07 08 31 33 45 46 56 76 07B 07Bb 08H**

**08Ha 31H 31M 56F 76C**

**467. *Cynaeda dentalis* ([Denis & Schiffermüller], 1775)** (Pyralidae) Synonym(s): *dentalis* [Denis & Schiffermüller], 1775; *ramalis* Fabricius, 1787; *radiata* Esper, 1788; *fulminans* Fabricius, 1794; *dilutalis* De Lattin, 1959 **Taxonomical Reference:** *Pyralis dentalis* [Denis & Schiffermüller], 1775, Ankündigung

syst. Werkes Schmett. Wienergegend: 120. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. **Range (in code):** DZ Clo Lbs Ges TN Gf PT ES FR Co Sa Si IT MT GB BE NL

**LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK SE FI EE LT RU MD UA BY IL EG KG Uk Tk Dj Ii**

**Ui CN Ku TM Kp CY LB IR Elb Kdv Th Kdj Dam Gor Cc GG Bjo Lag Kir AZ Mng Nv Ord 01 05 06 08 16**

**17 31 42 44 46 50 71 73 76 80 05A 08H 08Ha 16A 31M 73A 73Ad 73Ad2 76C** **Bionomy:** Larva on *Onosma stellulata*, *Anchusa officinalis*, *Echium vulgare*, *E. gaditanum* (Boraginaceae) (Staudinger, 1879; et seq.).

**468. *Dentifovea fulvifascialis* (Christoph, 1887)** (Pyralidae) Synonym(s): *fulvifascialis* Christoph, 1887; *foviferalis* Hampson, 1900 **Range (in code):** GR LB Bei IL Pa AF Hr Srb Pli Pic TR IQ Rwz

**Bgd Bsr IR Ahz Bu Se PK Sd Krc 31 31M**

**469. *Diasemiopsis ramburialis* (Duponchel, 1831)** (Pyralidae) Synonym(s): *ramburialis* Duponchel, 1831; *melaleucalis* Walker, 1859; *reconditalis* Walker, [1866]; *leucophaealis* Walker, [1866]. **Taxonomical Reference:** *Hydrocampa ramburialis* Duponchel, 1831, Hist. Nat. Lépid. Fr. 8: 344,

- Pl.233 fig.6. Type(s): Korsika. Range (in code): PT ES FR Co Sa Si IT MT GB BE NL CH AT RO YU AL BG GR Cr TR IR Mz Gls DK US IN AU QAU TW ZA 16 31 46 16A 31M
470. **Dolicharthria bruguieralis (Duponchel,1833)** (Pyralidae) Synonym(s): *bruguieralis* Duponchel,1833; *coniotalis* Hampson,1903; *pseudobotys* Rothschild,1913; *similalis* Rothschild,1915; *bahrlutalis* Amsel,1935; *mauretanica* D.Lucas,1949 Taxonomical Reference: *Botys bruguieralis* Duponchel,1833, [in] Godart, Hist. Nat. Lépid. Pap. Fr. 15: 320, Tab. 232 fig.3. Syntypes: Nismes [sic!], Corsica. Range (in code): DZ Rhr Clo Ah Omy Onç PT ES FR Co Sa Si IT MT RO YU AL BG GR Cr TR CY LB Bsa Bmm IL Pa Hf IQ R wz B rs Ry Shq IR Fa Shr Sse Bu AF Pnj Kab Pli Gbh Srb Khi Adr Fz ZA 01 05 06 07 13 16 21 31 32 44 46 65 73 05A 13F 16A 21N 21Nh 31M 44E 44Eh 44I 44Ic 65D 65Dc 65Dh 65Du 65Dv 73D 73Db
471. **Dolicharthria punctalis ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *punctalis* [Denis & Schiffermüller],1775 Taxonomical Reference: *Pyralis punctalis* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 123. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): TN Sfx Elk PT ES FR Co Sa Si IT GB NL DE CH AT CZ SK HU RO YU AL BG GR Cr CY TR DK SE FI EE IR Elb Mz Th Kdj Kdv Fa Sse Ss Kh Gh Tgo Pa IL AF Anh 01 05 06 14 16 31 36 39 42 46 56 61 65 71 05A 16A 31M 36D 36Db 56F 61K 61Ka 65N 65Nf Bionomy: Larva on Lotus, Trifolium (Fabaceae), Zostera (Potamogetonaceae) (Parenti,2000).
472. **Duponchelia fovealis (Zeller,1847)** (Pyralidae) Synonym(s): *fovealis* Zeller,1847; *canuisalis* Millièr,1869; *griseata* Butler,1875; *uniflexalis* Mabille,1880 Range (in code): Cn DZ Agi Bsk PT ES FR Co Sa Si IT MT NL BE DE YU GR Cr CY TR IL Pa Hf EG Hx Hp Ahz Fa Sse Ana Ke JO LB YE Ad IQ Bsr AE DK SE AF Srb ZA Nta Kzu ZR MZ 01 07 31 33 48 63 80 07C 48L 63D Bionomy: Larva on Frankenia pallida (Chrétien,1917).
473. **Ecpyrrhorrhoe diffusalis (Guenée,1854)** (Pyralidae) Synonym(s): *carnealis* Dup.,1831 nec Treit.1829; *diffusalis* Guenée,1854; *affusalis* Guenée,1854; *tenuialis* Mann,1862. Taxonomical Reference: *Botys diffusalis* Guenée,1854, [in] Boisduval & Guenée, Hist. nat. Insectes (Spec. gén. Lépid.) 8: 340. Syntypes 2♂ 3♀: "Espagne, France mer., env. Nîmes et de Montpellier" (coll. Guenée & Lefebvre). Range (in code): TN ES FR IT CH HU RO YU HV AL BG GR IL Pa Hf TR IR Fa Shr Com Ss Th Kdj Ha Mz LB Bsa AF Pic Kab Srb Bsg Pag PK Cp AE Cc GG Tbl Bjo AZ Kir Nv Ord AE 01 05 06 13 16 31 38 42 44 46 47 56 60 65 71 73 05A 06R 13F 13F6 16A 31M 44I 44Ic 46G 46Gf 56F 56F1 65D 65Dv 65Dt 65Ds 65F 65Fç 65Fp 65Fz 65N 65Np6 65Nm 73A 73Ad 73Ad2
474. **Ecpyrrhorrhoe rubiginalis (Hübner,1796)** (Pyralidae) Synonym(s): *rubiginalis* Hübner,1796 Range (in code): ES FR Co Sa Si IT DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Tbl Bjo Lag Kir Mng Sok Da AZ IR Gh Tgo LT RU MD UA BY KG Tk Dj Ii 05 16 25 31 35 39 42 53 05A 16A Bionomy: Larva on Ballota, Galeopsis tetrahit, Stachys officinalis (Lamiaceae) (Parenti,2000).
475. **Elegia fallax (Staudinger,1881)** (Pyralidae) Synonym(s): *fallax* Staudinger,1881; *atrifasciella* Ragonot,1887; *nigribasella* Ragonot,1895; *iozona* Meyrick,1937; *elegiella* Amsel,1953. Taxonomical Reference: *Nephopteryx fallax* Staudinger,1881, Horae Soc. ent. ross. 16: 83. Syntypes: [Türkei]: Kleinasien: Amasia. Range (in code): PT ES FR Si IT SK HU RO YU BG GR TR Cc AZ IQ Dia R wz 01 05 06 13 27 31 46 71 05A 06R 13F 31M Bionomy: Larva on Quercus suber (Fagaceae) (Parenti,2000; et seq.).
476. **Ematheudes punctellus (Treitschke,1833)** (Pyralidae) Synonym(s): *punctellus* Treitschke,1833 Taxonomical Reference: *Chilo punctellus* Treitschke,1833, Treitschke,1833, [in] Ochsenheimer, Schmett. Eur. 9 (2): 268. Syntypes: "Ungarn und Sicilien". Range (in code): DZ Anna Cst Bt na Phv Eba Bsk TN Gf PT ES FR Co Sa Si IT MT BE CH AT CZ SK HU RO YU AL BG GR Cr TR RU MD UA BY IR Elb Th Ha Fa Kdj Shr Sse Kh CY EG IL Pa Hf LB JO 01 05 06 13 16 27 31 33 34 35 38 42 48 71 80 05A 13F 13F6 16A 31M 48L 80B 80Bc
477. **Ematheudes varicellus Ragonot,1887** (Pyralidae) Synonym(s): *varicella* Ragonot,1887 Taxonomical Reference: *Ematheudes varicella* Ragonot,1887, Anns Soc. ent. Fr. 1887: 258. Type: Marghilan. Range (in code): UZ Fe Cc GG Tbl AM TR IR Shh 01 31 65 76 31M 65N 65Np2 65Nm 76C
478. **Endotricha flammealis ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *flammealis* [Denis & Schiffermüller],1775; *adustalis* Turati,1905; *lutealis* Turati,1905; *carnealis* De Lattin,1951 Taxonomical Reference: *Pyralis flammealis* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 123. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): DZ Clo TN PT ES FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ IL Hf Pa CY LB Cc GG IR Fa Sse Com Shr Mz Th Kdj Gor Gh Tgo TM Kp DK SE RU MD UA BY KG 01 05 06 07 08 10 12 13 16 30 31 33 34 42 44 46 48 56 58 60 65 71 80 05A 06R 06Rb 08H 08Hc 10K 10Ka 12E 12Eb 12Ec 12Ed 13F 16A 30D 30Dx 31M 42B 44I 44Ic 48D 56F 56Fa 56F1 60G 65D 65Dv 65Dt 65Du 65F 65Fg Bionomy: Larva on Salix (Salicaceae), Quercus (Fagaceae), Agrimonia (Rosaceae), Lotus (Fabaceae), Vaccinium (Ericaceae) (Parenti,2000).



479. **Epactoctena octogenalis (Lederer,1863)** (Pyrilidae) Synonym(s): *octogenalis Lederer,1863*. Taxonomical Reference: Metasia octogenalis Lederer,1863, Wien. ent. Monatschr. 7: 421, 481, Taf. 15 fig.10. Type ♂: Syrien. Range (in code): **TR IR Ahz Ha JO IQ Ssa Dia Mos Ry Shq IL Pa Js Hf CY 13 31 44 46 47 56 63 65 13F 31A 31M 56F 56Fb 63D 63Dd 65N 65Np 65Nm**
480. **Epascestria pustulalis (Hübner,[1823])** (Pyrilidae) Synonym(s): *pustulalis Hübner,[1823]; orientalis Caradja,1916* Taxonomical Reference: Pyralis pustulalis Hübner,[1823], Samml. eur. Schmett. 6, Pyralides: Tab.30 figs.191,192 Syntypes: Europa. Range (in code): **ES IT LU DE AT PL CZ SK HU RO YU BG GR Rd Cr TR LB Bei IQ Hjo Cc AM Eri AZ Kir SE LV LT RU MD UA BY IR Elb Th Kdj IL Pa Hf AF Pag 01 05 06 13 31 33 35 42 46 56 63 65 75 80 05A 06R 13F 31M 56F 56Fé 63D 63Dc 65F 65Fo 65N 65Nc 75F 75Fb 80B 80Bc** Bionomy: Larva mines in Anchusa officinalis, Echium (Boraginaceae) (Wiltshire,1957; Parenti,2000).
481. **Ephelis cruentalis (Geyer,[1832])** (Pyrilidae) Synonym(s): *cruentalis Geyer,[1832]; bourjotalis Duponchel,1833; badialis Treitschke,1835* Taxonomical Reference: Uresiphita cruentalis Geyer,[1832], [in] Hübner, Zuträge Samml. exot. Schmett. 4: 29, pl.[124], figs. 721,722. Range (in code): **FR Si IT YU BG GR Rd Cr TR LB Cc GG Tbl Mng Lag AM AZ IL Pa Hf EG IR Fa Sse Elb Th Kdj Nss Kdv Gor Kh IQ Ry Shq AF Adr Shv Kab KG Slu Syr 01 05 06 12 13 16 25 30 31 33 34 35 36 38 39 44 46 49 56 58 63 65 76 80 05A 06K 06Kb 06R 12E 12Ed 13F 13G 13Gü 13Gw 16A 30B 30Bc 30Bc1 30D 30Dx 31M 36D 36Db 49D 49Db 56F 56Fb 56Fç 56F1 58G 58R 58Rb 65D 65Dh 65Dl 65Dlc 65Dt 65Du 65Dv 65F 65Fp 65Fz 65H 65Hb 65K 65Ké 65Kg 65N 65Np2 65Nr2 65Nm 76C 80B 80Bc**
482. **Ephestia (s.str.) disparella Hampson,1901** (Pyrilidae) Synonym(s): *disparella Hampson,1901; rectifasciella Turati,1913; semicostella Turati,1934*. Taxonomical Reference: Ephestia disparella Hampson,1901, [in] Romanoff, Mém. lépid. 8: 298, pl.34 fig.25. Type ♂: [Turquie]: Bursa (NMW). Range (in code): **Cn MA DZ TN Gf LY Cy PT ES An Mu FR Co Sa IT YU HV MK B-H AL BG GR Cr TR Cc LB Bsa Bro Bmm IL Hf Js Jt Pa SY Dms 01 03 05 06 07 09 16 21 31 34 35 42 46 76 05A 16A 31M 76C**
483. **Ephestia (s.str.) unicolorella Staudinger,1881** (Pyrilidae) Synonym(s): *unicorella Staudinger,1881; personata Gerasimov,1930; intermediella Amsel,1961*. Taxonomical Reference: Ephestia unicolorella Staudinger,1881, Horae Soc. ent. ross. 16: 89. Syntypes 1♂ 4♀: [Türkei]: "Amasia" (leg. Johann). Range (in code): **FR Co Sa Si IT MT GB BE NL DE CH AT PL CZ SK HU RO YU HV B-H MK AL BG GR Cr CY TR RU Or IR Elb Th Fa Cc AZ Kir AF Bm Srb IL Hf Pa Js LB Bei Bsa SY Dms KG Uk 01 03 05 06 13 16 21 31 33 34 42 44 46 65 80 05A 13F 31M**
484. **Polyocha strigosa (Staudinger,1879)** (Pyrilidae) Synonym(s): *strigosa Staudinger,1879; discella Hampson,1901; phoeniciella Ragonot,1895; granatella Zerny,1927* Taxonomical Reference: Anerastia strigosa Staudinger,1879, Horae Soc. ent. ross. 15: 225-226. Syntypes 13 ♂♀: [Türkei]: Amasia: Kerasdere. Range (in code): **MA DZ Ah PT ES An Grn RO YU GR RU MD UA BY TR Cc IL Pa Hf LB Bei JO IQ Shq Rwz Mos Dia IR Fa 01 05 13 21 25 31 33 42 46 47 65 71 76 80 05A 13F 13F6 31M 42B 47D 65D 65Dv 65Dt 65Du 65N 65Np2 65Nm 76C**
485. **Epischnia illotella Zeller,1839** (Pyrilidae) Synonym(s): *illotella Zeller,1839* Taxonomical Reference: Epischnia illotella Zeller,1839, Isis 1839: 178. Type(s): Sicilia. Range (in code): **DZ Bsk Ges TN Gf PT ES Mu FR Co Sa Si IT MT DE SK RO YU MK AL GR Cr RU MD UA BY TR KG Uk CY IL Pa LB Bsa Bmm EG 16 31 42 16A 31M** Bionomy: Larva on Asteriscus, Inula viscosa (Asteraceae) (Chrétien,1917; et seq.).
486. **Epischnia prodromella (Hübner,[1799])** (Pyrilidae) Synonym(s): *prodromella Hübner,[1799]; #prodromella Rebel,1939* Taxonomical Reference: Tinea prodromella Hübner,[1799], Samml. eur. Schmett. 8, Tineae: Tab. 37 fig.254. Type(s): Europa. Range (in code): **DZ Bsk Ges TN Gf PT ES FR Si IT BE NL DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR Cc AM SY IR Shh Gor Mz Elb IL Pa Hf LB CY TM Kp KG Uk RU MD UA BY 01 05 06 08 13 16 31 32 34 42 46 58 65 05A 08H 08Ha 13F 16A 31M 65D 65N 65Nc 65Nc4 65Nr7 65Nm** Bionomy: Larva on Knautia, Scabiosa (Dipsacaceae); Centaurea (Asteraceae) (Chrétien,1917; et seq.).
487. **Episcythrastis tabidella (Mann,1864)** (Pyrilidae) Synonym(s): *tabidella Mann,1864; griseella Ragonot,1887; constanti Ragonot,1893; heringi Hartig,1938; demawendella Zerny,1939* Taxonomical Reference: Myelois tabidella Mann,1864, Wien. ent. Monatschr. 8: 182, Taf.4 fig.9. Type ♂: [Türkei]: Brussa [Bursa]. Range (in code): **ES FR Co Sa YU AL BG TR RU Sr Cc GG Tbl Bjo IR Elb Dam 05 13 16 31 76 05A 13F 16A 31M 76C**
488. **Etiella zinckenella (Treitschke,1832)** (Pyrilidae) Synonym(s): *marginella Fabricius,1781 nec Den. & Schiff.,1775; zinckenella Treitschke,1832; etiella Treitschke,1835; majorellus Costa,1836; colonnellus Costa,1836; dymnusalis Walker,1859; heraldella Guenée,1862; anticalis Walker,1863; indicatalis Walker,1863; hastiferella Walker,1866; decipiens Staudinger,1870; spartiella Rondani,1876; sabulinus Butler,1879; madagascariensis Saalmüller,1880; schisticolor Zeller,1881; villosella Hulst,1887; rubribasella Hulst,1890; #tiella Pinhey,1975*. Taxonomical Reference: Phycis zinckenella Treitschke,1832, [in] Ochsenheimer,

Schmett. Eur. 9(1): 201. Lectotype ♀: "Sizilien" (TMB). Range (in code): PT ES FR Co Sa Si IT MT GB NL LU DE CH AT CZ SK HU RO YU AL BG GR TR DK RU MD UA BY IL JO LB IQ IR YE Sk CY EG KK Ax MG AF PK IN LK BT NP TH MM LA VN MY Bor ID Sum Ja AU CN Hn TW JP US CA CU PR EC GS PH PG SB NC WS DZ NA TN LY EG GW LB SL GA CM NG NE CI GM CF SD ET ER DJ SO KE UG YE TZ ZW RW BI MW AO NM SZ LS MG MZ ZA Tva Nta Gau Tva Lpo Spb Mdk BW SC ZR ZM TD WS FJ Pa Hf TH CMA Cnz Cz10 Cz11 ID Sum Sbh AE 01 05 06 09 13 16 17 31 39 46 58 65 71 76 80 05A 09K 09Ka 13F 16A 31M 65N 65Np 65Nm 76A 76Ac 76B 76Bb Bionomy: Larva on Colutea, Lupinus, Phaseolus (Fabaceae) (Parenti,2000); Cicer arietinum (Fabaceae) (Robinson et al.,2007).

489. **Euchromius bellus (Hübner,1796)** (Pyralidae) Synonym(s): *bella* Hübner,1796; *bellalis* Hübner,[1825]. Taxonomical Reference: *Tinea bella* Hübner,1796, Samml. eur. Schmett., Tineae: 29, Taf.9 f.60. Type(s): Ungarn. Range (in code): MA Ifr DZ Bsk ES An Mu FR Sa Si IT SK HU RO YU BG GR Cr TR RU Cc MD UA BY IQ Rwz Dia Brs Ama IR IL Pa JO Amm LB Bei EG PK Bl Chm 01 05 06 12 13 16 17 21 26 29 31 33 35 39 42 44 46 59 65 71 76 80 05A 12A 12Ab 13F 16A 31O 31M 65D 65Dv 76C Bionomy: Larva on Scabiosa (Dipsacaceae), Picris (Asteraceae).

490. **Euchromius ocellus (Haworth,[1811])** (Pyralidae) Synonym(s): *ocellea* Haworth,[1811]; *cyrilli* Costa,1832; *fumiculella* Treitschke,1832; *texana* Robinson,1870; *gigantea* Turati,1924; *quadrii* Ahmad, Zaidi & Kamaluddin,1982 Taxonomical Reference: *Palparia ocella* Haworth,[1811], Lep. Br.:486. Type ♂: England. Range (in code): Md Cn MA DZ TN LY Cy PT ES FR Co Sa Si IT GB BE NL DE CH AT PL CZ SK HU RO YU BG GR Rd Cr TR Cc DK NO SE FI EE LV LT RU MD UA BY KG Uk Tk Dj Ii EG IL LB TM Kp YE Ad Sk IQ Kbl Bgd Amr IR Ahz Plr CY AF Hr IN Mh Poo PK Cp Pj Krc Sd Mhw AU US Tx UZ Br ET AE SO KE MT TZ CF UG MW SC MG MZ ZW Bul Har Nta Kzu Ec Ans Fs Blo Wca Cto Dbn Grh Lds Tva Lpo Pie Gau Pre Wnn Wr Ste Cer Grg BW NA AO GO NG NE BF GH SN FP Pag Gh Tgo Ss Irs Sde Kz Mz GlS Kh Pa Hf Onç Bsk Gf Ajj Ah 01 05 07 13 16 31 32 34 42 48 56 65 71 76 05A 13F 16A 31M 56F 65D 65Dv 65N 65Nc 65Nc4

491. **Euchromius rayatellus (Amsel,1949)** (Pyralidae) Synonym(s): *rayatella* Amsel,1949 Taxonomical Reference: *Eromene rayatella* Amsel,1949, Bull. Soc. Fouad I Ent. 33: 278-279, Taf.1 fig.4. Holotype ♂: Iraq: Kurdistan: Rayat, 5000ft. Range (in code): ES IT YU BG GR Cr CY IQ Ry TR Cc RU Sr AF Pic Blh IL Jer Pa JO IR Mz UZ Br 01 31 35 76

492. **Euchromius superbullus (Zeller,1849)** (Pyralidae) Synonym(s): *superbellus* Zeller,1849; *wockeella* Zeller,1863; *cypriusella* Amsel,1958. Taxonomical Reference: *Crambus superbullus* Zeller,1849, Stettin ent. Ztg. 10:314. Holotype ♂: Italien: Toscana. Range (in code): ES FR Co Sa Si IT AT? HU RO YU AL BG GR Cr RU MD UA BY TR Cc IL CY KG Uk UZ Br IR Elb Kdv Srd PK Pj 06 07 09 13 16 31 39 42 46 65 68 71 76 13F 16A 31M 65D 65Dv 65Du

493. **Euclasta (s.str.) splendidalis (Herrich-Schäffer,[1848])** (Pyralidae) Synonym(s): *splendidalis* Herrich-Schäffer,[1848] Taxonomical Reference: *Botys splendidalis* Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 4: 32, fig.109. "aus der Türkei". This figure was selected as Lectotype by Popescu-Gorj & Constantinescu,1976). Range (in code): TN Gf DZ Bsk MT MK RO BG GR TR GG AM RU Da TM Kp CY LB Bei IQ Shq Cc AZ Kir Len CN Ui Ku 01 05 16 17 31 33 44 46 48 56 67 05A 16A 48F 56F Bionomy: Larva on Periploca laevigata [Apocynaceae] (Chrétien,1917).

494. **Eudonia mercurella (Linnaeus,1758)** (Pyralidae) Synonym(s): *mercurella* Linnaeus,1758; *mercurii* Fabricius,1798; *mercurea* Haworth,1811; *mercurealis* Hübner,[1825]; *portlandica* Westwood,1845; *frequentella* Stainton,1849; *concinella* Curtis,1850; *frequentalis* Herrich-Schäffer,1862 Taxonomical Reference: *Phalaena mercurella* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 538. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 220) (LS). Range (in code): MA DZ Az PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H AL BG GR Cr DK NO SE FI EE LV LT RU MD UA BY IR Elb Dam TR Cc AZ Nv Ord GG Bjo Lag Mng CN 01 10 13 31 33 61 80 10K 10Ka 13F 31K 31Ka3

495. **Eurhodope (Eurhobasis) cinerea (Staudinger,1879)** (Pyralidae) Synonym(s): *cinerea* Staudinger,1879; *buxtoni* Rothschild,1921 Taxonomical Reference: *Myelois cinerea* Staudinger,1879, Horae Soc. ent. ross. 15: 210. Syntypes: Cypern; [Lebanon]: Beirut. Range (in code): LB Bei Bsa IL Pa Hf TR IQ Kbl Bgd Amr Bsr Shq IR Ahz Ke Ana AF Hr Pli Fz Blh CY 31 35 42 31M

496. **Eurhodope (s.str.) monogrammos (Zeller,1867)** (Pyralidae) Synonym(s): *monogrammos* Zeller,1867; *homochromella* Amsel,1961; *melanella* Roesler,1969 Taxonomical Reference: *Myelois monogrammos* Zeller,1867, Stettin ent. Ztg. 28(10/12): 376-377. Type ♀: Jordanthal. Range (in code): AL BG IQ JO IL Pa IR TR 01 05 06 13 16 31 33 42 46 50 71 05A 13F 16A

497. **Euzophora (s.str.) bigella (Zeller,1848)** (Pyralidae) Synonym(s): *bigella* Zeller,1848; *stenoptycha* Herrich-Schäffer,1855; *bisinuella* Ragonot,1887; *punicaella* Moore,1891; *immundella* Ragonot,1901; *angulella* Chrétien,1922; *renulella* Constantini,1922 Taxonomical Reference: *Ephestia bigella* Zeller,1848, Isis 1848: 596. Type ♀: Italien: Toskana (BMNH). Range (in code): DZ TN MA PT ES Mu FR Co Si IT MT GB BE DE CH AT PL CZ SK HU RO B-H MK YU AL BG GR CY TR Cc IL Hf Jer Pa IR Th Fa Shh Ss SY DK RU LB Bei IQ Mos AF NP UZ Br TM K-K Kp 01 05 06 07 09 13 16 21 31 33 34 46 47 65 76 05A 09K



- 13F 16A 31M 76C** Bionomy: Larva on Ulmus (Ulmaceae), Juglans (Juglandaceae), Cydonia, Malus, Pirus, Prunus armeniaca (Rosaceae), Punica (Punicaceae), Salix (Salicaceae) (Huemer,1988; Parenti,2000).
- 498. Euzophera (s.str.) imperfectella Ragonot,1895** (Pyralidae) Synonym(s): *imperfectella* Ragonot,1895; *xyломорфа* Meyrick,1937. Taxonomical Reference: *Euzophera imperfectella* Ragonot,1895, Bull. Soc. ent. Fr. 1895: 100. Lectotype ♀: [Turquie]: Alexandrette [Iskenderun] (designated by Roesler,1973, Microlep. palaearkt. 4: 223) (MNHNP). Range (in code): **TR IL Hf Pa IQ Ry Shq IR Fa 13 23 31 46 56 65 13A 13Ab 13F 31F 31M 56F 56Fm 65N 65Np2 65Nm**
- 499. Euzopherodes lutisignella (Mann,1869)** (Pyralidae) Synonym(s): *lutisignella* Mann,1869; *leonhardi* Rebel,1910; *scipionella* Turati,1924; *battella* Turati,1924. Taxonomical Reference: *Myelois lutisignella* Mann,1869, Verh. zool.- bot. Ges. 19: 381. Type ♂: Dalmatien: Ragusa. Range (in code): **Si RO RU YU B-H HV AL BG MK GR Cr LY Cy TR IL Hf Jer Pa LB Bei JO IQ R wz IR Elb Th KJ Fa AF Pag Kbb Slg Cc AM UZ Smk TM Kp 13 21 23 31 35 38 42 44 46 56 65 13F 31M 42B 42J 56F 56Fg 65D 65Dt**
- 500. Evergestis alborivularis (Eversmann,1843)** (Pyralidae) Synonym(s): *alborivularis* Eversmann,1843; *canalsesialis* Hampson,1913 Taxonomical Reference: *Ennychia alborivularis* Eversmann,1843, Bull. Soc. imp. Nat. Moscou 16 (3): 553-554. Type: Russia, Orenburg. Range (in code): **RU Ur Or Sb Sj KG Uk ES B-H HU UA Cm BG Slv Bgz Stp TR 31 46 31M**
- 501. Evergestis mundalis (Guenée,1854)** (Pyralidae) Synonym(s): *mundalis* Guenée,1854; *submundalis* Milliere,1882; *permundalis* Marion,1960 Taxonomical Reference: *Scopula mundalis* Guenée,1854, [in] Boisduval & Guenée, Hist. nat. Insectes (Spec. gén. Lépid.) 8: 389. Syntypes: [France]: "Environs de Digne". Range (in code): **ES FR IT BG? GR TR 13 31 44 65 13F 31M 44E 44Ee 65F 65Fp 65Fz 65K 65Kz 65Kg 65N 65Np1 65Np2 65Nr2 65Nm**
- 502. Evergestis umbrosalis (Fischer v. Röslerstamm,[1842])** (Pyralidae) Synonym(s): *umbrosalis* Fischer v. Röslerstamm,[1842] Range (in code): **ES Sa? GR TR LB IR Elb Th 05 06 08 12 13 14 16 30 31 34 46 51 65 05A 08H 08Ha 12A 12Ab 13G 13Gw 13Gü 13Gs 16A 30B 30Bb 30Bk 31F 31Fb 46G 46Gi**
- 503. Glaucobaris euchromiella (Ragonot,1895)** (Pyralidae) Synonym(s): *euchromiella* Ragonot,1895; *sinualis* Hampson,1900; *rebeli* Osthelder,1941. Taxonomical Reference: *Diptychophora euchromiella* Ragonot,1895, Bull. Soc. ent. Fr. 1895: xcix. Holotype ♂: [Turquie]: Akbes (MNHNP). Range (in code): **GR Cr TR Cc AM IR Th Elb 13 31 33 46 56 65 76 13F 31M 56F 65D 65Dv 65Du 65K 65Kb 65L 76D 76Dd**
- 504. Glyptoteles leucacrinella Zeller,1848** (Pyralidae) Synonym(s): *leucacrinella* Zeller,1848; *macra* Staudinger,1870. Taxonomical Reference: *Glyptoteles leucacrinella* Zeller,1848, Isis 1848: 647. Type(s): Deutschland: Dresden. Range (in code): **FR IT BE NL DE CH AT PL CZ SK HU RO YU LT RU Sr MD UA TR 31 31M** Bionomy: Larva on dry leaves of Alnus, plant litter (Parenti,2000).
- 505. Hannemannea tacapella (Ragonot,1887)** (Pyralidae) Synonym(s): *tacapella* Ragonot,1887 Taxonomical Reference: *Cataremna tacapella* Ragonot,1887, Annls. Soc. ent. Fr. 1887: 253. Type ♀: [Tunis]: Gab×s (MNHNP). Range (in code): **MA DZ TN LY Cy SD SA SA63 EG BH IL Pa IQ Mos IR TR ZA 31**
- 506. Heliothela wulfeniana (Scopoli,1763)** (Pyralidae) Synonym(s): *wulfeniana* Scopoli,1763; *atralis* Hübner,1788 nec Fabr.,1775; *coerulealis* Caradja,1916; *huebneri* Koçak,1980 Taxonomical Reference: *Phalaena wulfeniana* Scopoli,1763, Entomologia Carniolica: 235. Type(s): [Slovenien]: Carniolia [Krain]. Range (in code): **ES FR Si IT BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE FI EE LV LT RU MD UA BY IR Gls GG Cc 05 10 16 31 33 46 05A 10K 10Ka 16A 46L** Bionomy: Larva on Lamiaceae, Viola (Violaceae) (Parenti,2000).
- 507. Hellula undalis (Fabricius,1781)** (Pyralidae) Synonym(s): *undalis* Fabricius,1781; *lunulalis* Costa,1836; *alconalis* Walker,1859; *exemptalis* Walker,[1866]; *geyri* Rothschild,1915; *occidentalis* De Joannis,1930; *reniculus* Pajni & Rose,1977 Taxonomical Reference: *Phalaena undalis* Fabricius,1781, Spec. Ins. 2: 272. Type(s): Italia. Range (in code): **TN Sfx PT ES FR Co Sa Si IT MT GB LU DE CH AT SK RO YU GR Cr YE IL Pa TR Sk IR Enz Qz Fa Bu Shr Sse Ss Irs Ana Ke Th Kdj Lgr Km CY LB Bei TM Kp JO IQ Bgd EG AF Hr Bmu Srb Gbh Dwe Bsg Bkt Kot PK Sd Krc Hw US SH IN LK CN PH Luz TW JP AE Cp Hf TH Cc GG Sok MY Bor BN Swk Sbh CV Md Cn AU QAU Bri Bth NSw Aby Gtn DZ Clo Bsk Gf 01 13 16 31 33 46 65 73 80 13F 16A 31A 31G 31K 31M 65N 65Nc 65Nc4 73A 73Ad 73Ad2** Bionomy: Larva on Cleome arabica, Moricandia arvensis, M.suffruticosa, Diplotaxis pendula, Senebiera coronopus (Chrétien,1917).
- 508. Heosphora ramulosella Ragonot,1895** (Pyralidae) Synonym(s): *ramulosella* Ragonot,1895 Range (in code): **TR 23 31 31M**
- 509. Homoeosoma (Anhomoeosoma) nimbillum (Duponchel,[1837])** (Pyralidae) Synonym(s): *nimbella* Duponchel,[1837]; *subalbatella* Mann,1864; *homoeosomella* Zerny,1926; *snellenella*

- Bentick, 1930. Taxonomical Reference:* Phycis nimbella Duponchel, [1837], [in] Godart & Duponchel, Hist. nat. Lépid. Papillons Fr. 10: 349, pl.cclxxxiv fig.1. Lectotype ♂: Normandie", designated by Roesler (1973). Range (in code): **DZ Onç Bsk PT ES Grn An FR Co Sa Si IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU HV B-H MK BG GR Cr TR DK SE EE LV LT RU MD UA BY KG Uk LB IR JO EG AM Cc Eri 01 03 05 06 07 12 16 31 35 38 39 42 46 05A 06R 16A 31M 42B**
510. **Homoeosoma (s.str.) nebulellum ([Denis & Schiffermüller], 1775)** (Pyralidae) Synonym(s): *nebulella* [Denis & Schiffermüller], 1775; *nebulea* Haworth, 1811; *muscerdalis* Hübner, [1813]. Taxonomical Reference: Tinea nebulella [Denis & Schiffermüller], 1775, Ankündigung syst. Werkes Schmett. Wienergegend: 140. Type(s): [Austria]: Vienna district. Range (in code): **DZ Gha PT ES Mu FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H HV MK AL BG GR DK FI EE LV LT RU Sr Or MD UA BY TR IR Elb Th KK Ax KG Uk Tk Dj Ch TM Kp 05 16 31 71 05A 16A 31M**
511. **Homoeosoma (s.str.) sinuellum (Fabricius, 1794)** (Pyralidae) Synonym(s): *sinuella* Fabricius, 1794; *sinuatus* Fabricius, 1794; *elongella* Hübner, [1813]; *gemina* Haworth, 1811; *flavella* Duponchel, 1836; *gioferella* Turati, 1934. Taxonomical Reference: Tinea sinuella Fabricius, 1794, Ent. Syst. 3(2): 308, nr.94. Type(s): Italia (Museum Kiel). Range (in code): **TN DZ MA PT ES Cue Mu An Snv FR Co Sa IT MT GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H HV MK AL BG GR Cr TR DK SE FI EE LV LT RU MD UA BY CY LB KG KK Al IR Elb Th Kdj Clu Shh GlS TM Kp Cc AM Eri AF Hr Pli Blh 01 05 06 07 13 16 21 31 39 44 46 58 65 70 71 76 05A 13F 16A 31M 65D 65Dl 65Dlc 76C** Bionomy: Larva on Chenopodium album (Chenopodiaceae), Plantago (Plantaginaceae) (Parenti, 2000).
512. **Hypotia colchicalis (Herrich-Schäffer, 1855)** (Pyralidae) Synonym(s): *colchicalis* Herrich-Schäffer, [1855]; *anceschii* Turati, 1926 Taxonomical Reference: Constantia colchicalis Herrich-Schäffer, [1855], Syst. Bearb. Schmett. Eur. 4: 148, fig.136. Type(s): [Türkei]: Amasia. Range (in code): **DZ TN Sfx LY ES RU Cc Kr MD UA BY TR IR Ahz Fa Ss Shr Sse SY JO IL LB IQ Ry CY IR TM KG Tk Dj 05 31 42 05A 42B**
513. **Hypsopygia costalis (Fabricius, 1775)** (Pyralidae) Synonym(s): *costalis* Fabricius, 1775; *fimbrialis* [Denis & Schiffermüller], 1775; *purpurana* Thunberg, 1784; *hyllalis* Walker, 1859; *rubrocilialis* Staudinger, 1870; *#lugens* Rebel, 1903; *syriaca* Zerny, 1914; *lugens* Caradja, 1917. Taxonomical Reference: Phalaena costalis Fabricius, 1775, Syst. Ent.: 644, nr.132. Type(s): Anglia. Range (in code): **DZ Orn PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR CY TR Cc DK NO SE FI EE LV LT RU MD UA BY IR Ab Sro Th Elb Mz GlS IL Hf Pa EG TM Kp UZ Fe PK IQ Shq Dia KG Tk Tks Nrk CN Ui 01 06 09 13 16 30 31 33 36 38 39 46 56 65 73 75 76 09K 09Ka 13A 13Aa 13B 13Ba 13F 16A 30D 30Dx 31M 36D 36Db 65D 65Dh 65Du 65Dv 65L 65Lb 73A 73Ad 73Ad2 75F 75Fb** Bionomy: Larva on hay, dried vegetable, animal matter (Parenti, 2000).
514. **Hypsopygia fulvocilialis (Duponchel, 1832)** (Pyralidae) Synonym(s): *fulvocilialis* Duponchel, 1832; *hartigialis* Mariani, 1937 Taxonomical Reference: Asopia fulvo-cilialis Duponchel, 1832, Hist. nat. lépid. Fr. 8 (2): 375-376, pl.236 fig.6. Type: [France]: Digne. Range (in code): **PT FR Si HU RO YU AL BG GR TR IL Pa Hf LB UA RU AM Cc 01 31 33 46 80 31A 31D 31M 80B 80Bc**
515. **Hypsotropa paucipunctella Ragonot, 1895** (Pyralidae) Synonym(s): *paucipunctella* Ragonot, 1895 Hypsotropa paucipunctella Ragonot, 1895, Bull. Soc. ent. Fr. 1895: cii. Syntypes ♂♀: [Turquie]: Akbes. Range (in code): **TR 31 46 31M**
516. **Hypsotropa syriacella Ragonot, 1888** (Pyralidae) Synonym(s): *syriacella* Ragonot, 1888 Taxonomical Reference: Hypsotropa syriacella Ragonot, 1888, Nouv. Gen. Phycit.: 47. Type: Syrie. Range (in code): **TR 31 46 31M**
517. **Hypsotropa vulneratella (Zeller, 1847)** (Pyralidae) Synonym(s): *vulneratella* Zeller, 1847; *roseistrigella* Ragonot, 1901. Range (in code): **FR Co Sa Si MT YU IL Pa Hf TR SY KK Al 31 31M**
518. **Keradere noctivaga (Staudinger, 1879)** (Pyralidae) Synonym(s): *noctivaga* Staudinger, 1879 Range (in code): **MK GR CY TR IL LB Bsa IQ Hjo IR Elb Mz Dam Fa Shr Sse 05 09 31 42 46 05A 31M**
519. **Lambaesia straminella (Zerny, 1914)** (Pyralidae) Synonym(s): *straminella* Zerny, 1914; *alphetopis* Meyrick, 1937. Taxonomical Reference: Adelosemia ? straminella Zerny, 1914, Annln naturh. Mus. Wien 28: 316. Type ♂: [Türkei]: Zeitun [Süleymanli] (NHMW). Range (in code): **TR SY IQ Ry Hjo IR 13 31 42 46 65 13F 13F6 46L 65D 65Dt 65Dv**
520. **Lamoria ruficostella Ragonot, 1888** (Pyralidae) Synonym(s): *ruficostella* Ragonot, 1888 Taxonomical Reference: Lamoria ruficostella Ragonot, 1888, Nouv. Gen.: 52. Type: Russia. Range (in code): **IT FR Sa? Cr RU TR LB Bsa Cc AZ CN JP 06 10 31 46 71 10K 10Ka**
521. **Mesocrambus candidellus (Herrich-Schäffer, 1848)** (Pyralidae) Synonym(s): *candidellus* Herrich-Schäffer, [1848]; *#candiellus* Bleszynski, 1965. Taxonomical Reference: Crambus candidellus Herrich-Schäffer, [1848], Syst. Bearb. Schmett. Eur. 4: 56; [1850], ibid. 5: Taf.26



- fig.181. Type ♀: Kreta. Range (in code): **DZ Clo PT ES Si IT HU RO YU AL BG GR Cr TR RU Sr KG Uk SY 13 31 34 42 46 65 13F 31M 65D 65Dv 65Du**
522. **Metacrambus carectellus (Zeller,1847)** (Pyralidae) Synonym(s): *carectellus* Zeller,1847; *lugdunellus* Millière,1868; *truncatellus* Caradja,1916. Taxonomical Reference: *Crambus carectellus* Zeller,1847, Isis 1847: 751. Lectotype ♂: Sizilien (Bleszynski,1965: 331). Range (in code): **DZ Anna PT ES FR Co Sa Si IT MT SK HU RO YU AL BG GR Cr RU Sr Cm TR LB Bei IL Pa Hf SY IR Gh Tgo UZ Br Cc AZ Len KG Tk Dj 01 03 13 31 33 42 44 46 65 71 80 13F 31D 44E 44Ee 65D 65Dv 65K 65Kb 65L 65N 65Np 65Nm**
523. **Metallosticha argyrogrammos (Zeller,1847)** (Pyralidae) Synonym(s): *argyrogrammos* Zeller,1847 Taxonomical Reference: *Myelois argyrogrammos* Zeller,1847, Isis 1847: 29-30. Type ♂: [Turkey]: Makri [=Fethiye]. Range (in code): **Si IT RO HV MK BG GR TR LB Bsa Bei SY Dms IL Hf Pa IR Fa Shr 05 06 16 31 38 42 45 46 48 65 05A 06R 16A 31M 65D 65Du 65Dh**
524. **Metallostichodes vinaceella (Ragonot,1895)** (Pyralidae) Synonym(s): *vinaceella* Ragonot,1895 ; *#vinacellum* Rebel,1939 Taxonomical Reference: *Hyphantidium vinaceellum* Ragonot,1895, Bull. Soc. ent. Fr. 1895: 101. Type: [Turquie]: [Hatay Prov.]: Alexandrette [=Iskenderun] (MNHNP). Range (in code): **TR LB CY 31 46 31F 31M**
525. **Metasia (s.str.) albicostalis Hampson,1900** (Pyralidae) Synonym(s): *albicostalis* Hampson,1900 Range (in code): **TR CY LB Bsa Bei 31**
526. **Metasia (s.str.) carnealis (Treitschke,1829)** (Pyralidae) Synonym(s): *carnealis* Treitschke,1829 Taxonomical Reference: *Botys carnealis* Treitschke,1829, Schmett. Eur. 7: 91. Type(s): [Kroatien]: Dalmatien. Range (in code): **ES FR Co Si IT AT RO YU AL BG GR Cr TR 01 05 06 13 16 31 33 42 65 71 80 05A 06R 13F 16A 31M 42A 80B 80Bc**
527. **Metasia (s.str.) olbienalis Guenée,1854** (Pyralidae) Synonym(s): *olbienalis* Guenée,1854 Taxonomical Reference: *Metasia olbienalis* Guenée,1854, [in] Boisduval & Guenée, Hist. nat. Insectes (Spec. gén. Lépid.) 8: 251. Syntypes 2♀: "Iles d'Hyxres". Range (in code): **ES FR Sa Si IT AL TR 31 42 31M**
528. **Metasia (s.str.) rosealis Ragonot,1895** (Pyralidae) Synonym(s): *rosealis* Ragonot,1895; *perfervidalis* Hampson,1900; *rubricalis* Rebel,1939; *cypriusalis* Amsel,1958 Range (in code): **YU GR TR CY LB Bei IQ 01 31 33 80 31M**
529. **Metaxmeste sericatalis (Herrich-Schäffer,[1848])** (Pyralidae) Synonym(s): *sericatalis* Herrich-Schäffer,[1848] Taxonomical Reference: *Hercyna sericatalis* Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 4 (Pyralides): 17, Taf.5 figs.28-30. Syntypes: Türkei: Brussa [Uludağ]. Range (in code): **TR Cc GG Bjo Akh Smt IR 13 16 31 34 46 13G 13Gs 13Gü 13Gw 16A 31E**
530. **Myelois (Gnathogutta) circumdatella Lederer,1858** (Pyralidae) Synonym(s): *circumdatella* Lederer,1858; *ottoella* Schawerda,1924 Taxonomical Reference: *Myelois circumdatella* Lederer,1858, Wien. ent. Monatschr. 2: 149, Taf.4 fig.5. Syntypes 3♂: Syrien: Damask. Range (in code): **TR SY Dms IL Pa Hf Js LB IQ Shq Hjo Mos IR Fa Sse Shr Th Elb Kdj 01 13 21 31 46 65 13F 31M 65D 65Du 65Dh**
531. **Myelois (Gnathogutta) ossicolor Ragonot,1893** (Pyralidae) Synonym(s): *ossicolor* Ragonot,1893 Taxonomical Reference: *Myelois ossicolor* Ragonot,1893, [in] Romooff, Mém. lépid. 7: 44. Type ♂: [Turquie]: "Mardin (Turquie d'Asie) (coll. Staudinger) [vide: Mém. lépid. 7: pl.xxvi fig.1]. Range (in code): **TR 31 47 31M**
532. **Myelois (Gnathogutta) pluripunctella (Ragonot,1887)** (Pyralidae) Synonym(s): *pluripunctella* Ragonot,1887 Taxonomical Reference: *Myelois pluripunctella* Ragonot,1887, Annls Soc. ent. Fr. 1887: 226. Syntypes 2♂: [Lebanon]: Beirut. Range (in code): **TR GR LB Bei IL Hf Pa CY IR Elb Mz 05 13 30 31 46 56 05A 13F 13F6 31M 56F**
533. **Myelois (Gnathogutta) umbratella (Treitschke,1832)** (Pyralidae) Synonym(s): *umbratella* Treitschke,1832; *ossicolor* Ragonot,1893; *unipunctella* Chrétien,1911 Range (in code): **DZ Onç FR Si YU TR AF LB IL Pa Hf IR Elb Mz 16 31 46 47 16A 47D**
534. **Myelois (s.str.) circumvoluta (Fourcroy,1785)** (Pyralidae) Synonym(s): *circumvoluta* Fourcroy,1785; *circumvolutella* Villers,1789; *cribrella* Hübner,1796; *carhdui* Haworth,1811; *medullalis* Hübner,[1825]; *pallium* Vallot,1829; *gilvescentella* Fuchs,1903; *britannicella* Amsel,1951; *impunctata* Hartig,1952; *nigrapeza* Hartig,1952 Taxonomical Reference: *Tinea circumvoluta* Fourcroy,1785, Ent. Paris: 326. Type(s): Paris. Range (in code): **DZ Ges Lbs PT ES FR Co Sa Si IT GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR TR DK SE FI EE LV LT RU MD UA BY IR Mz 01 06 13 17 31 33 36 65 71 73 80 06R 06Rd 13F 31M 36D 36Db 65D 65Dh 65Ds 65Dv 65Du 65N 65Np1 65Nm 73D 73Df Bionomy: Larva on Carduus, Cirsium, Arctium (Asteraceae) (Parenti,2000).**

535. **Myelois (s.str.) quadripunctella Zerny,1914** (Pyralidae) Synonym(s): *quadripunctella Zerny,1914* Taxonomical Reference: Myelois quadripunctella Zerny,1914, Annln naturh. Mus. Wien 28: 319, Taf. xxv fig. 20. Type ♀: [Türkei]: Akbes (NHMW). Range (in code): **TR AE 31 46 31M**
536. **Myrlaea serratella Ragonot,1893** (Pyralidae) Synonym(s): *serratella Ragonot,1893* Taxonomical Reference: Myrlaea serratella Ragonot,1893, [in] Romanoff, Mém. lépid. 7: 399, pl.15 fig.23. Type ♀: [Turkey]: Mardin (Mésopotamie) (coll. Staudinger). Range (in code): **DZ Ges TR Sk EG Sn 13 31 47 13F 31M**
537. **Nomophila noctuella ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *noctuella [Denis & Schiffermüller],1775; hybridalis Hübner,1796; indistinctalis Walker,1859* Taxonomical Reference: Tinea noctuella [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 136. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): **MA DZ TN Sfx Elk PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR IQ Bgd Dia Shq Amr Kro Bji IR Ahz Ab Elb Dam Plr Mz Enz LB Bsa Bei SY IL Pa Hf AF Hr Bmu Anj Gz Jla Kot PK Mre DK NO SE FI EE LV LT RU MD UA BY PH TW AE Cp Haz Abb C-P Cte ID IN ZA Sro Qba Gea Bsk Onç Ceg Heh Ogl Gle Omy Gtt Ah Ajj Ges Rhr 01 05 06 08 11 13 14 16 17 21 30 31 32 33 34 35 37 38 39 46 48 55 56 58 60 63 65 71 73 76 80 05A 06R 08H 08Ha 13A 13Aa 13B 13Ba 13F 13F6 13G 13Gö 13Gg 13Gw 13Gü 13Gs 16A 21N 21Nb 21Nc 30B 30Bc 30Bc1 30Br 31A 31H 31M 48L 55F 56D 56Dc 56F 56Fo 58G 60G 63D 65D 65Da 65Dd 65Dda 65Dh 65Dg 65Dl 65Dlc 65Dr 65Dt 65Du 65Dv 65E 65Eb 65Ec 65Eç 65Ed 65F 65Fb 65Fc 65Fd 65Fp 65Fw 65Fz 65G 65Gf 65Gn 65K 65Kb 65Kç 65N 65Nc 65Nc4 65Kl 65Ku 65Ky 65Ky1 65L 65Lb 65M 65Mc 65Md 65N 65Nk 65Np 65Np1 65Np2 65Nm 73A 73Aç 73Aç2 73D 73Db 73Df 73Dfb 73Dfc 76B 76Bç 80B 80Bc 80E 80Ea** Bionomy: Larva on Polygonum (Polygonaceae), Medicago, Trifolium (Fabaceae), Vaccinium (Ericaceae), Poa, Triticum (Poaceae) (Parenti,2000).
538. **Nyctegretis lineana (Scopoli,1786)** (Pyralidae) Synonym(s): *lineana Scopoli,1786; achatinella Hübner,[1824]*. Taxonomical Reference: Phalaena lineana Scopoli,1786, Del. Florae Faun. Insub. 2: 57, Tab.21 fig. vi A, B. Range (in code): **ES FR Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU GR TR Cc DK NO SE FI EE LV LT RU MD UA BY Ur LB IL IQ IR Mz Elb CN Ui Ku Shs AF KG Uk TM Kp MN 06 07 13 16 21 31 33 34 46 48 71 76 13F 16A 31M 48L 76C** Bionomy: Larva on Sedum (Crassulaceae), Cytisus, Ononis, Trifolium (Fabaceae), Artemisia, Gnaphalium (Asteraceae) (Parenti,2000).
539. **Oncocera semirubella (Scopoli,1763)** (Pyralidae) Synonym(s): *semirubella Scopoli,1763; rosella Goeze,1783 nec Sc.,1763; purpurella Thunberg,1788; sanguinella Hübner,1796; sanguinea Haworth,1811; nigrella Caradja,1916* Taxonomical Reference: Phalaena semirubella Scopoli,1763, Ent. Carn.: 245. Type(s): [Slovenien]: Carniolia [Krain]. Range (in code): **DZ Cst PT ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR Cr CY LB IL Pa Hf TR Cc IQ Amr Shq AF Hr CN JP DK NO SE FI EE LV LT RU Am MD UA BY KP KR TW IR Enz Mz Kh CN Ui Tek Kty 01 05 06 08 09 13 14 16 17 26 31 33 36 46 48 56 65 71 75 76 80 81 05A 06R 06Rd 08H 08Ha 13F 16A 31A 31G 31O 31M 36D 36Db 48L 56F 65D 65Dv 65F 65Fç 65Fz 75F 75Fb 75Fd** Bionomy: Larva on Hippocrepis, Lotus, Medicago, Ononis, Trifolium (Fabaceae) (Parenti,2000).
540. **Ostrinia nubilalis (Hübner,1796)** (Pyralidae) Synonym(s): *nubilalis Hübner,1796; silacealis Hübner,1796*. Taxonomical Reference: Pyralis nubilalis Hübner,1796, Samml. eur. Schmett. 6, Pyralides: Tab.14 fig.94. Type(s): Europa. Range (in code): **MA DZ PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO HV SS B-H AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA Cm BY KG Tk Dj Ii AF Srb Bsg PK K-P CY IR Elb Gh Tgo CA On Nfl Qb Mnt US Pns Msc Vr Nj Mch Ny Mis Idp Mss Vi EG JP GU 01 05 07 13 16 31 32 33 46 53 58 65 80 05A 13F 16A 31A 31H 46G 46Gf** Bionomy: Larva on Zea (Poaceae), Lycopersicon, Capsicum (Solanaceae), Humulus, Cannabis (Cannabaceae), Phaseolus (Fabaceae) (Parenti,2000).
541. **Oxybia transversella (Duponchel,1836)** (Pyralidae) Synonym(s): *transversella Duponchel,1836; bituminella Millière,1870; panorminatella Caradja,1928*. Taxonomical Reference: Phycis transversella Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 182, pl.278, fig.6. Syntypes: France: Aix. Range (in code): **PT ES FR Co Sa Si IT MT AT RO YU BG GR TR IL Pa Hf RU MD UA BY ZA 05 09 16 31 33 42 46 05A 16A 31M** Bionomy: Larva on Psoralea bituminosa (Fabaceae) (Millière,1870; Parenti,2000).
542. **Phycita poteriella (Zeller,1846)** (Pyralidae) Synonym(s): *poteriella Zeller,1846* Range (in code): **Si IT RO YU BG GR Cr CY TR IL Pa LB Bmm Bsa RU MD UA BY 06 31 35 46 31M**
543. **Phycitodes binaevella (Hübner,[1813])** (Pyralidae) Synonym(s): *binaevella Hübner,[1813]* Taxonomical Reference: Tinea binaevella Hübner,[1813], Samml. eur. Schmett. 8, Tineae: Tab.57 fig.383. Type(s): Europa. Range (in code): **MA LY Cy ES Mu FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY LB Bsa**



TM Kp IL Jf Pa IR Elb Th Mz AF Kab Pag Pli KG Tk Dj Ii 01 05 06 13 31 34 42 44 46 65 05E 06R 13F 16A 44E 44Ee 46G 46Gi

544. **Phycitodes lacteella (Rothschild,1915)** (Pyralidae) Synonym(s): *lacteella* Rothschild,1915; *viettella* Roesler,1965. Taxonomical Reference: Staudingeria lacteella Rothschild,1915, Novit. Zool.

22: 240. Type ♀: Algeria: Oued Nça, Mzab (BMNH). Range (in code): LY Cy TN DZ Onç MA Cn ES Mu FR Sa Si IT MT DE HU RO YU AL BG GR RU Ur MD UA BY SY Dms TR LB Bda IL Jf Jer Hf SA SA63 BH IQ Bgd IR Elb Th Kdj Fa Shr Kz Ss Kh AF Gbh Pag Sfk Pic Pli Kab Dwe Blh Slg Bm Bkt Nu KG Tk Ii Dj MN 03 06 09 13 16 31 34 38 42 44 46 65 71 13F 16A 44E 44Ee

545. **Phycitodes nigrilimbella (Ragonot,1887)** (Pyralidae) Synonym(s): *nigrilimbella* Ragonot,1887 Taxonomical Reference: Homoeosoma nigrilimbella Ragonot,1887, Annls Soc. ent.

Fr. 1887: 256. Type(s): [Turkey]: Marasch. Range (in code): TR IR Elb Th Fa Shr LB Bsa IL Hf IQ Hjo 06 16 13 31 42 46 50 65 71 13F 16A 65D 65Dv 65Du 65Dt

546. **Pleuroptya crocealis (Duponchel,1832)** (Pyralidae) Synonym(s): *balteata sensu auct. nec Fabr.*,1798; *crocealis* Duponchel,1832; *aurantiacalis* Fischer v. Roeslerstamm,1840 Taxonomical Reference: Botys crocealis Duponchel,1832, Hist. nat. lépid. Fr. 5 (2): 365, pl.ccxxv fig.6. Syntypes: France,

Mont-pellier. Range (in code): ES FR Si IT CH YU HV BG AL RO GR Cr TR Cc GG Lag IL Pa UA RU 01 08 16 31 46 08H 08Ha 16A 31M

547. **Pleuroptya ruralis (Scopoli,1763)** (Pyralidae) Synonym(s): *ruralis* Scopoli,1763; *iridialis* Hübner,[1825]; *perpendicularis* Duponchel,1833; *conchalis* Wernburg,1864; *dubia* Hampson,1891 Taxonomical Reference: Phalaena ruralis Scopoli,1763, Entomologia Carniolica: 242. Type(s): [Slovenien]:

Carniolia [Krain]. Range (in code): DZ Cst PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY IR Enz IN ID Sum TW KP JP 05 13 16 31 34 46 48 75 81 05A 13F 16A 31M 48L 75F 75Fd

Bionomy: Larva on Humulus (Cannabinaceae), Urtica (Urticaceae), Ribes 8Saxifragaceae), Filipendula ulmaria, Prunus spinosa (Rosaceae), Atriplex, Chenopodium (Chenopodiaceae) (Huemer,1988).

548. **Polyocha cremoricosta Ragonot,1895** (Pyralidae) Synonym(s): *cremoricosta* Ragonot,1895; *prolai* Hartig,1948; *pectinellum* Chrétien,1911 Polyocha cremoricosta Ragonot,1895, Bull. Soc. ent. Fr. 1895: cii. Type ♀: [Turquie]: Akbes. Range (in code): DZ Bsk ES IT Si BG GR Cr AL HV TR 01 31 46 31M

549. **Polyocha venosa (Zeller,1847)** (Pyralidae) Synonym(s): *venosa* Zeller,1847 Taxonomical Reference: Epischnia venosa Zeller,1847, Isis 1847: 31-32. Syntypes ♂♀: [Turkey]: Kellekish. Range (in code): GR TR IL Pa Hf LB CY 01 31 33 35 46 48 31M

550. **Psorosa dahliella (Treitschke,1832)** (Pyralidae) Synonym(s): *dahliella* Treitschke,1832; *bivittella* Duponchel,1836. Range (in code): PT ES FR Co Sa Si IT CH SK HU RO YU BG GR CY TR IQ Ama Ssa IL Pa Hf RU MD UA BY IR Dam Plr Elb Mz Gor Shh 13 25 31 46 13F 31M

551. **Psorosa nucleolella (Möschler,1866)** (Pyralidae) Synonym(s): *nucleolella* Möschler,1866; *clarella* Caradja,1910; *#luteostrigella* Caradja,1910; *mediterranea* Amsel,1953. Range (in code): PT ES Mu Si FR IT YU TR Cc IQ Shq Bgd Amr RU KG Uk Tk Dj IR Elb Plr Kdv Mz Shh Ss Irs Ana Ke Kz Sde AF Hr MN 31 38 76 31M 76C

552. **Pyla fusca (Haworth,[1811])** (Pyralidae) Synonym(s): *fusca* Haworth,[1811]; *spadicella* Zincken,1818; *janthinella* Duponchel,1836; *annulatella* Zetterstedt,1839; *posticella* Zetterstedt,1839; *carbonariella* Fischer v. Roeslerstamm,1843; *bilineata* Curtis,1850; *moestella* Walker,1863; *procellariana* Walker,1863; *frigidella* Packard,1867; *cacabella* Hulst,1887; *tripagiata* Dyar,1904 Taxonomical Reference: Phycis fusca

Haworth,[1811], Lepid. Br.: 493. Type(s): England. Range (in code): PT ES FR Co Sa IT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR LB DK NO SE FI EE LV LT RU MD UA BY CA US Ny 05 16 31 16A 31K 31Ka

553. **Pyralis farinalis (Linnaeus,1758)** (Pyralidae) Synonym(s): *farinalis* Linnaeus,1758; *erecta* Fourcroy,1785; *farinatus* Haworth,1810; *domesticalis* Zeller,1847; *fraterna* Butler,1879; *tenerifensis* Rebel,1906; *meridionalis* Schmidt,1934; *orientalis* Amsel,1961 nec Fabr.,1794. Taxonomical Reference: Phalaena

farinalis Linnaeus,1758, Syst. Nat. (Edn.10): 533. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 210). Range (in code): Az Cn DZ TN Sfx PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR IR Ab Oru Elb Th Kdj Nss Ha Glb LB Bsa IQ Bgd Er Shq DK NO SE FI EE LV LT RU MD UA BY IL Pa Hf AF Ca Gbh Pli AU AY NZ TW JP KP KR ZA 01 05 06 08 16 17 21 31 34 38 39 46 48 55 60 65 80 05A 06R 08H 08Hc 16A 21N 21Nh 48L 55F 60G 65E 65Eb 65Ed 80B 80Bc

Bionomy: Larva on stored cereals, hay, dried fruit (Parenti,2000).

554. **Pyralis regalis [Denis & Schiffermüller],1775** (Pyralidae) Synonym(s): *regalis* [Denis & Schiffermüller],1775 Taxonomical Reference: Pyralis regalis [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 124. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): ES Py FR Co IT CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Lag SE FI EE LV LT MD UA BY RU Am IN IL Pa Hf TW JP KP TH Shh Bpr BN MY

- 01 06 12 16 31 33 34 46 56 60 06R 12E 12Ec 12Ed 16A 31M 46G 46Gi 56F 60H 60Hb** Bionomy: Larva on Salix (Salicaceae), Quercus (Fagaceae), Rosa (Rosaceae) (Parenti,2000).
- 555. Pyrasia gutturalis (Staudinger,1879)** (Pyralidae) Synonym(s): *gutturalis* Staudinger,1879  
Taxonomical Reference: Botys gutturalis Staudinger,1879, Horae Soc. ent. ross. 15: 175. Type ♂: [Türkei]: Magnesia (coll. Lederer). Range (in code): **TR LB Bsa IQ Hjo IR Fa Shr Sse Com Elb Mz 01 07 13 21 31 45 46 47 56 65 13F 21N 21Nb 31M 46G 46Gi 56F 56Fa 65D 65Dh 65Ds 65Du 65Dv 65N 65Np6 65Nm** Bionomy: Larva on Lonicera (Caprifoliaceae) (Wiltshire,1957).
- 556. Pyrausta aerealis (Hübner,1793)** (Pyralidae) Synonym(s): *aerealis* Hübner,1793; *ablutalis* Eversmann,1844; *unicolor* Rebel,1917. Range (in code): **DZ Btma Tou ES FR IT DE CH AT PL RO YU AL BG GR TR Cc GG Lag DK SE FI EE LV LT RU Ur KG Uk MD UA BY IR Fa Elb Dam Kdv Mz TM UZ KK Al Tk Dj Ii CN Ui Ju Au Kml AF Shv Pag LB Bsa 05 13 31 46 72 76 05A 13G 13Gd 13F 31E 46G 46Gi 72E 72Eh 76C** Bionomy: Larva on Thymus (Lamiaceae), Scrophularia (Scrophulariaceae), Artemisia, Gnaphalium, Helichrysum (Asteraceae) (Parenti,2000).
- 557. Pyrausta aurata (Scopoli,1763)** (Pyralidae) Synonym(s): *aurata* Scopoli,1763; *punicealis* [Denis & Schiffermüller],1775; *nepoldalis* Lederer,1863; *meridionalis* Staudinger,1880 *nec* Wcke,1871; *inciae* Koçak,1982 Taxonomical Reference: Phalaena aurata Scopoli,1763, Entomologia Carniolica: 227. Type(s): [Slovenien]: Carniolia [Krain]. Range (in code): **Cn MA DZ TN PT ES FR Co Sa Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr LB Bsa IL Pa CY TR IR Fa Yz Elb Kdj Th Ana Ke Ab Sro Enz Gh Kh Tgo Gls IQ Dia R wz Shq DK NO SE FI EE LV LT RU MD UA BY AF Srb Plj Arh Hr Kot Fz Khi Kab Dwe Cc GG Bjo Mng Nv Ord Hkd Len Sok AZ Agi 01 05 06 13 14 16 23 30 31 42 44 56 65 71 76 05A 06R 06Rd 13C 13Cc 13F 13G 13Gw 13Gü 16A 30D 30Dx 31M 44F 44Fb 44Ic 56F 56Fb 65G 65Go 65F 65Fp 65Fz 76D 76Dd** Bionomy: Larva on Mentha, Origanum vulgare, Salvia, Thymus (Lamiaceae), Plantago (Plantaginaceae) (Parenti,2000).
- 558. Mecyna cuprinalis (Ragonot,1895)** (Pyralidae) Synonym(s): *cuprinalis* Ragonot,1895  
Taxonomical Reference: Pyrausta cuprinalis Ragonot,1895, Annls Soc. ent. Fr. 64 (Bull.): xcvi-xcviii. Type ♀: [Hatay Prov.]: "Akbès" (Delagrange leg.). Range (in code): **TR 31 31M**
- 559. Pyrausta despicata (Scopoli,1763)** (Pyralidae) Synonym(s): *despicata* Scopoli,1763; *koenigiana* O.F.Müller,1764; *vestianella* Clerk,1764; *cespitalis* [Denis & Schiffermüller],1775; *sordialis* Thunberg,1784; *intermedialis* Duponchel,1833; *tendinosalis* Bremer,1874; *yangtsealis* Caradja,1938; *ifranalis* Leraut,2001  
Taxonomical Reference: Phalaena despicata Scopoli,1763, Entomologia Caniolica: 231. Type(s): [Slovenien]: Carniolia [Krain]. Range (in code): **MA Ifr PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IQ R wz Amr DK NO SE FI EE LV LT RU Cc GG CY IR Ab Elb Shh Th Fa Shr Com Ha Plr Kdv Mz AF Hr Bmu Slg Pnj BdA Pic Kab Arh Srb Ca Gbh Adr Fz Khi Pag Plj UZ Fe CN Ui Ju Ku LB Bsa PK Abb Sro Mz Sb Yu Uk JO KG DZ Lbs 01 05 06 11 13 14 16 17 24 25 31 32 33 34 42 46 51 55 56 58 65 71 76 05A 06R 06Rd 13A 13Ab 13F 13F6 13Gö 13Gg 16A 31M 55F 56D 56Dd 56F 56F1 58G 58Gg 65D 65Dh 65Du 65Dw 65G 65Gn 65F 65Fç 65Fp 65Fz 65K 65Kb 65Ké 65Kl 65Ku 65Kg 65L 65Lb 65N 65Nk 65Np 65Np7 65Np8 65Nr2 65Nm 76C** Bionomy: Larva on Salvia (Lamiaceae), Plantago major, P. lanceolata (Plantaginaceae), Gnaphalium (Asteraceae) (Beirne,1954; Wiltshire,1957; Parenti,2000).
- 560. Pyrausta falcatalis (Guenée,1854)** (Pyralidae) Synonym(s): *falcatalis* Guenée,1854; *coecilialis* Walker,1859; *flegialis* Walker,1859; *noraxalis* Walker,1859; *ocellusalis* Walker,1859; *palopealis* Walker,1859; *probalis* Walker,1859; *catenalis* Walker,1866; *concatenalis* Walker,1866; *juncturalis* Walker,1866; *tauricalis* Caradja,1916 Range (in code): **FR IT DE CH AT PL CZ SK HU RO YU BG EE RU MD UA BY TR Cc GG Bjo AU TW JP ZA 05 28 31 33 65 31M**
- 561. Pyrausta pauperalis (Staudinger,1879)** (Pyralidae) Synonym(s): *pauperalis* Staudinger,1879 Taxonomical Reference: Botys pauperalis Staudinger,1879, Horae Soc. ent. ross. 15: 173-174. Type ♂: [Türkei]: Amasia. Range (in code): **TR CY IL Pa Js 05 13 31 42 44 56 05A 13F 31M 42B 44E 44Eh 56F**
- 562. Pyrausta purpuralis (Linnaeus,1758)** (Pyralidae) Synonym(s): *purpuralis* Linnaeus,1758; *inflammata* Scopoli,1763; *purpuraria* Latreille,1803; *confundalis* Zetterstedt,1839; *chermesinalis* Guenée,1854; *melanalis* Caradja,1916 Taxonomical Reference: Phalaena purpuralis Linnaeus,1758, Syst. Nat. (Edn.10): 536. Lectotype ♀: Europa (Robinson & Nielsen, 1983: 226). Range (in code): **DZ Lbs PT ES FR Co Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG Bjo Pti Kir Lag Len AZ DK NO SE FI EE LV LT RU MD UA BY IR Ha IL Pa Hf 01 05 07 13 16 17 31 33 39 61 80 05A 13F 16A 31M** Bionomy: Larva on Mentha arvensis, Nepeta, Origanum, Prunella, Thymus serpyllum (Lamiaceae), Plantago (Plantaginaceae) (Beirne,1954; Parenti,2000).
- 563. Pyrausta sanguinalis (Linnaeus,1767)** (Pyralidae) Synonym(s): *sanguinalis* Linnaeus,1767; *crentalis* Scriba,1770; *haematalis* Hübner,1819 Taxonomical Reference: Phalaena sanguinalis Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 882, no.339. Lectotype 1 ex: [Lusitania] (Robinson & Nielsen, 1983: 229). Range (in code): **PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV RU MD UA BY Cc GG AZ Tbl Bjo Kir Lag**



AM Eri IL Pa Hf LB CY IR Gh Tgo Ana Ke Fa Shr Com Elb Kh Th Mz Plr Gor AF Pag Kot Bkt Asm Arh Hr Slg Bsg Gbh Srb Pli Nv Ord Len Mz GlS DZ Bsk Clo TN Gf CN Ui Ku Js 01 05 06 07 13 16 17 30 31 33 34 39 54 56 65 69 71 80 05A 06R 06Rb 13F 16A 31M 56F 56Fo 65D 65Ds

564. **Pyrausta trimaculalis (Staudinger,1867)** (Pyralidae) Synonym(s): *trimaculalis Staudinger,1867* Taxonomical Reference: *Botys trimaculalis Staudinger,1867, Stettin ent. Ztg. 28: 109. Type: [Türkei]: Amasia. Range (in code): YU GR TR 05 06 25 31 32 05A 06R 06Rb 25F 25Fa 31M*

565. **Pyrausta virginalis Duponchel,1832** (Pyralidae) Synonym(s): *virginalis Duponchel,1832; auroralis Zeller,1847; neglectalis Caradja,1916* Taxonomical Reference: *Pyrausta virginalis Duponchel,1832, Hist. nat. Lépid. Papillons Fr. 8: 216-217, pl.224 fig.3. Type: [Greece]: Morée. Range (in code): TN Elk Sfx ES Cue FR Co Sa Si IT CH AT SK HU RO YU AL BG GR Cr Rd CY TR Cc AM Eri IL Pa Js IQ Hjo Mos Shq IR Fa Shr Sse Th Kdj Elb Mz Kh Srd AF Pnj Kbb Kot BdA 01 05 06 13 16 30 31 32 38 42 58 65 71 73 76 80 05A 06R 13F 16A 30B 30Bc 30Bc1 31K 31Ka 31M 65D 65Dh 65Ds 65Dg 65Du 65Dt 65N 65Np 65Nm 73D 73Df 73Dfc 76C 76D 76Dd 80B 80Bc* Bionomy: Larva on *Salvia*, *Thymus* (Lamiaceae) (Wiltshire,1957; Parenti,2000).

566. **Reskovitsia alborivulalis (Eversmann,1843)** (Pyralidae) Synonym(s): *alborivulalis Eversmann,1843* Taxonomical Reference: *Ennychia alborivulalis Eversmann,1843, Bull. Soc. imp. Moscou 16: 553. Syntypes: Russia: Orenburg. Range (in code): ES HU YU BG TR RU 17 31 46*

567. **Scirpophaga praelata (Scopoli,1763)** (Pyralidae) Synonym(s): *praelata Scopoli,1763; dubia Rossi,1790; latidactyla Hübner,1790; phantasmatalis Hübner,[1825]; alba Hübner,[1828]; #grisea Guenée,1845; #cinerea Zeller,1863; limnochares Common,1960.* Taxonomical Reference: *Phalaena praelata Scopoli,1763, Entomologia Carniolica: 198. Syntypes: [Slovenien]: Carniolia [Krain] probably destroyed (Horn & Kahle,1936: 252). Range (in code): MA DZ ES FR IT CH AT PL CZ SK HU RO YU BG GR TR KG Uk IR Shh Elb Th Enz Mz LT TM RU Sr Prj Us CN JP TW LB Bei JP Hkk TW AU 01 05 06 09 17 31 32 33 46 52 31F 31Fb 31M* Bionomy: Larva on *Juncus* (Juncaceae), *Scirpus* (Cyperaceae) (Parenti,2000).

568. **Scotomera caesarealis (Ragonot,1891)** (Pyralidae) Synonym(s): *caesarealis Ragonot,1891; beatalis Kalchberg,1897.* Taxonomical Reference: *Stemmatophora caesarealis Ragonot,1891, Annls Soc. ent. Fr. 1891: 88-89, pl.16 fig.6. Type ♂: [Turquie]: Césarée de Cappadoce [Kayseri]. Range (in code): LB TR IL Pa Hf Jt JO CY EG GR 31 38 42 46 42B*

569. **Stemmatophora syriacalis (Ragonot,1895)** (Pyralidae) Synonym(s): *syriacalis Ragonot,1895* Taxonomical Reference: *Scotomerodes syriacalis Ragonot,1895, Bull. Soc. ent. Fr. 1895: xcvi. Type ♂: [Turquie]: Akbes. Range (in code): DZ Orn ES An Grn FR SY TR IR Fa Com 01 31 33 31M*

570. **Sitochroa verticalis (Linnaeus,1758)** (Pyralidae) Synonym(s): *verticalis Linnaeus,1758; inversa Fourcroy,1785; cinctalis Treitschke,1829; nigriciliaris Ragonot,1895* Taxonomical Reference: *Phalaena verticalis Linnaeus,1758, Syst. Nat. (Edn.10): 533. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 236). Range (in code): PT ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR Cc GG IR Ab Ak Shf Elb GlS Th Kdj Ha Kh DK NO SE FI EE LV LT RU Sb MD UA BY AF Hr Bmu Kot Bark Fz Pli Bd UZ KG Tk Dj Ii JP 01 05 06 08 16 21 25 31 32 36 42 46 56 65 71 76 05A 06R 06Rb 08H 08Hc 16A 21N 21Nh 31M 36D 36Db 56F 56Fb 65D 65Da 65Dt 65Dl 65Dlc 65F 65Fp 65Fz 76A 76Ae 76B 76Bj 76Bf 76Bh* Bionomy: Larva on *Urtica* (Urticaceae), *Rumex*, *Atriplex* (Polygonaceae), *Cytisus* (Fabaceae), *Teucrium* (Lamiaceae), *Cirsium* (Asteraceae) (Parenti,2000).

571. **Spoladea recurvalis (Fabricius,1775)** (Pyralidae) Synonym(s): *recurvalis Fabricius,1775; fascialis Cramer,[1782]; recurvella Zincken,1818; diffascialis Hübner,[1825]; albifacialis Boisduval,1833; animalis Guenée,1854; exodias Meyrick,1904; formosana Shiraki,1910.* Taxonomical Reference: *Phalaena recurvalis Fabricius,1775, Syst. Ent.: 407. Type(s): Lost (Clarke,1986: 51). Range (in code): Az Cn ES FR Co BE MT GB NL DE DK PH Luz Boh ID Sum Ja Amb Tim JP KP KR TW CN PG Nlr AU NZ Hw IN Adm LK MG BR ZA Lpo Tva Spb Mdk AF Srb Gbh Kot IQ Bgd YE LB IR Fa Sse Shr Ss Irs CY TR IL Pa Hf WS FJ NH MY Kmd MM TH CMA Cuo Cuo1 Cuo5 Dst Dso9 Sgk Hya PSu HU RU Sh Krl Am Us Cc Ce Gro UA Cm SG Md PK Cp H-A AE 01 31 33 31A 31M* Bionomy: Larva on *Alternanthera*, *Amaranthus* (Amaranthaceae), *Beta vulgaris*, *Kochia indica* (Chenopodiaceae), *Glycine max* (soya bean), *Vigna unguiculata* (Fabaceae) (Robinson et al.,1994).

572. **Synaphe berytalis (Ragonot,1888)** (Pyralidae) Synonym(s): *berytalis Ragonot,1888* Taxonomical Reference: *Cledeobia berytalis Ragonot,1888, Annls Soc. ent. Fr. (6) 8: 276-277, pl.6 fig.1 (♀). Syntypes ♂♂♀♀: [Lebanon]: "Beyrouth (Syrie)". Range (in code): LB Bei TR 01 05 06 13 31 33 44 05A 13F 31M 44E 44Eh*

573. **Synaphe bombycalis ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *bombycalis [Denis & Schiffermüller],1775; almanica Rebel,1917.* Taxonomical Reference: *Pyralis bombycalis [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 120. Type(s):*

[Austria]: Vienna district [Types presumably destroyed by fire in 1848]. Range (in code): **MA DZ Anna Sfr Eba TN ES FR Co IT AT CZ SK HU RO YU RU Sr Tv TR Cc Arr IR Elb Th Nss Kh TM Kp UA AF KK 01 04 06 25 27 30 31 38 44 47 50 58 65 71 76 80 30B 30Bb 30Bk 65F 65Fp 65Fz 65K 65Ks 65N 65Np2 65Nm 76C 80B 80Bc**

574. **Synaphe consecratalis (Lederer,1855)** (Pyralidae) Synonym(s): *consecratalis Lederer,1855* Taxonomical Reference: *Pyralis consecratalis Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 250. Syntypes 2♂: Türkei: Siwas ? Diarbekir. Range (in code): LB TR Cc SY IR Elb Th IQ Ry Cc AM Eri 01 06 13 21 27 31 33 46 56 58 65 76 79 80 06R 06Rd 13G 13Gd 21N 21Nb 31A 31M 46F 46Fe 56F 56Fc 56Fv 58G 65F 65Fp 65Fz 65K 65N 65Np2 65Np7 65Nm 79B 79Ba 80B 80Bc*

575. **Synaphe moldavica (Esper,[1789])** (Pyralidae) Synonym(s): *moldavica Esper,[1789]; netricalis Hübner,[1813]; graecalis Duponchel,1833; palermitalis Guenée,1854; aberralis Guenée,1854; italicalis Hartig,1941; bertoncinii Hartig,1941; schmidtii Hartig,1941. Taxonomical Reference: Phalaena moldavica Esper,[1789], Die Schmett. Suppl.3: 38, Taf.86 fig.1. Lectotype ♂: Moldavia, designated by Hacker (1999) (ZSM). Range (in code): PT ES Si IT AT SK HU RO YU HV B-H MK AL BG GR Cr IR GlS Kh TR MD UA 05 06 07 10 16 17 22 25 31 32 34 35 38 42 45 46 48 58 65 71 05A 06R 06Rd 10K 10Ka 16A 31M 46F 46Fc 46Fg 58G 65K 65Kl 65N 65Nb 65Np 65Np1 65Np2 65Np7 65Np8 65Nr3 65Ns 65Nm Bionomy: Larva on Festuca, Stipa (Poaceae) (Parenti,2000).*

576. **Synaphe morbidalis (Guenée,1849)** (Pyralidae) Synonym(s): *morbidalis Guenée,1849; bipunctalis Hampson,1906 Taxonomical Reference: Cledeobia morbidalis Guenée,1849, [in] Lucas, Expl. scient. algér.: 398, pl.4 fig.5. Type ♂: Algérie. Range (in code): MR DZ Mage Sét Gha Sa EG SY Dms IL Pa Hf LB TR IQ 05 21 31 46 63 05A 31M*

577. **Synaphe oculatalis (Ragonot,1885)** (Pyralidae) Synonym(s): *oculatalis Ragonot,1885 Taxonomical Reference: Cledeobia oculatalis Ragonot,1885, Anns Soc. ent. Fr. (6) 5: Bulletin: cci. Lectotype ♂: Espagne, designated by Leraut (2005) (MNHN Paris). Range (in code): MA DZ TN ES IL Pa JO Jt EG TR 31*

578. **Synclera traducalis (Zeller,1852)** (Pyralidae) Synonym(s): *tradiculis Zeller,1852; retinalis Lederer,1857; univocalis Walker,1859; achatinalis Guenée,1862 Taxonomical Reference: Eudioptis traducalis Zeller,1852, Lepid. Microptera: 54. Range (in code): BG TR LB Bei SY IL Pa Hf IQ Mos Rwz Shq IR Ahz Fa Bu Shr AF Kot ZA Lpo Tva PH Luz IN LK ID Ja Clb Amb TH Bnk Chc Mhs Sup LY YE AE SA MU KE TZ ET NG AO NA 01 31 33 46 31M Bionomy: Larva on leaf of Ziziphus mauritiana [jujube] (Rhamnaceae); Spargularia tomentosa (Caryophyllaceae) (Rungs,1979; Lewvanich,2001).*

579. **Tretopteryx pertusalis (Geyer,[1832])** (Pyralidae) Synonym(s): *pertusalis Geyer,[1832]; weissenbornii Freyer Taxonomical Reference: Eurrhysis pertusalis Geyer,[1832], Zutr. exot. Schmett. 4: 36, figs. 763-764. Syntypes: Griechenland. Range (in code): FR GR Cr TR IQ Ama LB Bsa IL Pa 01 05 06 13 21 25 31 32 33 35 46 56 63 65 01L 01La 05A 06K 06Kd 06N 06Nc 06R 06Rd 13F 13G 13Gw 13Gü 21N 21Nb 46F 46Fd 56F 56Fc 56Fn 56Fx 65D 65Dh 65Dn 65Dv 65F 65Fb*

580. **Udea ferrugalis (Hübner,1796)** (Pyralidae) Synonym(s): *ferruginalis Rossi,1794 nec Fabr.,1781; ferrugalis Hübner,1796; #ferugalis Hübner,1796; martialis Guenée,1854; hypatialis Walker,1859; testacea Butler,1879 Taxonomical Reference: Pyralis ferrugalis Hübner,1796, Samml. eur. Schmett. 6,Pyralides: Tab.9 fig.54. Type(s): Europa. Range (in code): DZ MA PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR DK NO SE FI EE LV RU MD UA BY IL Pa Hf LB Bsa IR Ahz Elb Mz Kdv Dam Plr Gor Kdj Km Th Fa Shr Sse Kk Gh Tgo IQ Dia Bgd Rwz AF Ca Arh Khi Adr Fz Bsg Hr Blh IN LK MM ET JP TW TH Cma Dst Dso9 Cc Gg Tbl Lag Len AZ Sok Cn AE Ajj Clo 01 03 05 06 07 13 14 16 17 26 31 32 33 34 35 38 42 44 46 48 56 58 63 65 71 75 76 80 05A 06R 06Rb 13F 13G 13Gö 13Gğ 16A 31K 31Ka 31M 48L 56F 63D 65D 65Du 65Dv 65F 65Fp 65Fz 65K 65Kl 65Ku 65N 65Nc 65Nc4 65Np1 65Nm 75F 75Fb 76D 76Dd 80B 80Bc Bionomy: Larva on Fragaria vesca (Rosaceae); Lycopus, Mentha, Stachys (Lamiaceae); Verbascum (Scrophulariaceae); Calendula, Eupatorium, Aster, Centaurea, Cirsium, Arctium (Asteraceae) (Wiltshire,1957; Huemer,1988; Parenti,2000).*

581. **Udea fimbriatralis (Duponchel,1834)** (Pyralidae) Synonym(s): *fimbriatralis Duponchel,1834; #fimbriatralis Rebel,1901 Taxonomical Reference: Botys fimbriatralis Duponchel,1834, Hist. nat. lépid. Fr. 8 (2): 352, pl.234 fig.2. Type: [Greece]: "Morée". Range (in code): ES FR RO IT YU BG GR TR Cc IL Pa Hf LB Bsa 01 05 06 16 31 38 42 46 76 05A 06R 16A*

582. **Udea languidalis (Eversmann,1842)** (Pyralidae) Synonym(s): *languidalis Eversmann,1842; arabescalis Herrich-Schäffer,1860; veneralis Staudinger,1871 Range (in code): RO SS HV B-H AL BG GR Cr TR Cc AZ Kir Mng Nv Ord IR IQ Ry IL Pa CY UA RU KG Uk 05 16 31 47 76 05A 16A 31M 76C*

583. **Uresiphita polygonalis ([Denis & Schiffermüller],1775)** (Pyralidae) Synonym(s): *polygonalis [Denis & Schiffermüller],1775; #limbalis [Denis & Schiffermüller],1775; gilvata Fabricius,1794; orientalis Fabricius,1794; diversalis Hübner,1796; rusticalis Hübner,1796; aversalis Guenée,1854; consanguinalis Guenée,1854; teriadalis Guenée,1854; deprivalis Walker,1859; virescens Butler,1881; ochrocrossa Clarke,1971 Taxonomical Reference: Pyralis polygonalis [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 123. Type(s): Vienna district. Range (in code): TN Sfx PT ES FR Co Sa Si IT MT GB BE*



NL DE CH AT PL CZ SK HU RO YU BG GR Cr CY DK RU MD UA BY TR IL Pa Hf LB Bsa IQ Mos Brs Dia Amr Ssa IR Ahz Fa Shr Se Ha GlS Elb Th Kdj Lo KG Tks AF Hr Bmu Kab Srb Arh Gbh Bsg Blh Dwe Bkt PK Cp Gg ZA Tva Lpo Spb Hgl Mdk Lj Sd Krc Lbs An Grn Bei DZ Gtt Onç Anna Orn Ges 01 05 13 16 30 31 33 45 46 56 65 71 80 05A 13F 16A 30D 30Dx 31K 31Ka 31M 46G 46Gf 46Gi 56F 56Fi 65D 65Dv 65F 65Fi 65Fz 65N 65Nc 65Nc4 Bionomy: Larva on Cytisus, Genista, Lygos, Phaseolus, Spartium, Ulex (Fabaceae) (Parenti,2000).

584. **Usgentia vespertalis (Herrich-Schäffer,[1855])** (Pyralidae) Synonym(s): *vespertalis* Herrich-Schäffer,[1855]; *#gilvalis* Zerny,1914; *#sordidalis* Zerny,1914. Taxonomical Reference: Noctuella vespertalis Herrich-Schäffer,[1855], Syst. Bearb. Schmett. Eur. 6: 140, figs. 121-123. Range (in code): Si GR LB TR Cc AM IR Kh Elb Th Kdj Fa Yz 01 05 13 31 33 42 45 46 55 65 72 80 05A 13G 13Gc 65D 65Di 65Dlc 65F 65Fc 65Fz 72E 72Eh 80E 80Ea

585. **Zitha subustalis (Lederer,1855)** (Pyralidae) Synonym(s): *subustalis* Lederer,1855 Taxonomical Reference: Asopia subustalis Lederer,1855, Verh. zool. - bot. Ver. Wien 5: 215-216, Taf.3 fig.10. Type ♂: [Lebanon]: Beirut (ZM, Berlin). Range (in code): TR LB Bsa IL Hf Pa 01 13 31 33 42 46 80 13F 31M 46G 46Gf

## Saturniidae

586. **Saturnia (s.str.) pyri ([Denis & Schiffermüller],1775)** (Saturniidae) Synonym(s): *pyri* [Denis & Schiffermüller],1775; *teherana* Lenek,1970; *pinkerae* Kobes,1980. Taxonomical Reference: Bombyx pyri [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 49. Type(s): Vienna district. Range (in code): PT ES FR Co Sa Si IT NL LU CH AT CZ SK HU RO DK YU AL BG GR Rd TR SY Dms LB Bsa Pa IL Hf IQ IR Ab Ak Oru Shf Msw Fa Shr Kh Ke Elb Th AM Eri AZ Nv Ord Hkd GG Tbl Smt Bjo Cc RU Da Der 05 06 07 10 12 13 15 16 17 19 21 22 25 26 28 30 31 32 33 38 34 42 44 46 47 50 53 56 58 64 65 72 73 76 05A 06H 06Ha 06R 06Ra 06Re 06Rl 07C 10U 12E 12Ed 13C 13Cf 17E 19G 21N 21Nb 21Nh 22A 25F 26K 28H 30B 30Be 30Bd 31K 31Ka 33E 33G 34S 34Sb 47D 56F 56Fh 64F 65D 65Dh 73A 73Ae 73Ak 76B 76Ba Bionomy: Larva on Salix, Amygdalus spartioides, Juglans regia, Populus euphratica (Staudinger,1879; Romanoff,1885; Wiltshire,1957; de Freina,1979).

## Scythridae

587. **Scythris (monochreella-gr.) monochreella (Ragonot,1895)** (Scythridae) Synonym(s): *monochreella* Ragonot,1895; *lychnitis* Meyrick,1918 Range (in code): EG TR SY LB IL Pa IQ Bsr Bgd IR AE IN Rj 31 33 46 31M 33O

588. **Scythris (scopolella-gr.) apicalis (Zeller,1847)** (Scythridae) Synonym(s): *apicalis* Zeller,1847; *unipunctella* Rebel,1901. Taxonomical Reference: Oecophora apicalis Zeller,1847, Isis 1847 (1): 35-36. Syntypes: [Türkei]: "Kellemisch". Range (in code): FR RO GR TR Cc AM Eri IQ Hjo Er IR LB RU CN Ui Ku 31 33 36 46 48 65 31M 36F 46L

589. **Scythris (scopolella-gr.) flabella (Mann,1861)** (Scythridae) Synonym(s): *flabella* Mann,1861; *aurella* Caradja,1920 Range (in code): MK BG TR RU GG IR AM Eri Cc 05 06 31 38 42 46 76 05A 31M

590. **Scythris balanophora Meyrick,1916** (Scythridae) Synonym(s): *balanophora* Meyrick,1916; *taurella* Caradja,1920 Taxonomical Reference: Scythris balanophora Meyrick,1916, Exot. Microlepid. 2: 15. Syntypes 3♂♀: [Turkey]: "Asia Minor: Alma Dag" [Amanos Mts.]. Range (in code): TR 31 46

591. **Scythris parachalca Meyrick,1916** (Scythridae) Synonym(s): *parachalca* Meyrick,1916 Taxonomical Reference: Scythris parachalca Meyrick,1916, Exot. Microlepid. 2: 14-15. Syntypes 5♂♀: [Turkey]: "Asia Minor: Alma Dag". Range (in code): TR 31

## Sesiidae

592. **Chamaesphecia haberhaueri (Staudinger,1878)** (Sesiidae) Synonym(s): *haberhaueri* Staudinger,1878 Taxonomical Reference: Sesia haberhaueri Staudinger,1878, Horae Soc. ent. ross. 14: 308-310. Syntypes: [Türkei]: Taurus (leg. Haberhauer). Range (in code): TR 31 33 46

593. **Chamaesphecia nigrifrons (Le Cerf,1911)** (Sesiidae) Synonym(s): *nigrifrons* Le Cerf,1911; *sevenari* Liphthay,1961; *#schmidtii* Liphthay,1961 Range (in code): FR DE AT SK HU PL RO YU BG TR RU Cc GG MD UA 31 Bionomy: Larva on Hypericum perforatum (Spatenka et al.,1996).

594. **Eusphecia pimplaeformis (Oberthür,1872)** (Sesiidae) Synonym(s): *pimplaeformis* Oberthür,1872; *maculiferum* Staudinger,[1896] Taxonomical Reference: *Sesia pimplaeformis* Oberthür,1872, Revue Mag. Zool. (2) 23: 486, pl.21 fig.3. Syntype ♀: [Turquie]: Van. Range (in code): **MK YU BG GR TR RU IQ Bgd IR Ke Lo AZ Bak Cc 14 25 31 44 65 31M** Bionomy: Larva on *Populus euphratica*, *Salix* (Wiltshire,1957; Spatenka, et al.,1996).
595. **Osminia fenusaeformis (Herrich-Schäffer,1852)** (Sesiidae) Synonym(s): *fenusaeformis* Herrich-Schäffer,1852; *fenusiformis* Staudinger,1856 Range (in code): **IL Pa Cr TR LB 01 09 16 31 33 35 46 72 16A 31C 72E 72Eb**
596. **Paranthrene insolita Le Cerf,1914** (Sesiidae) Synonym(s): *insolita* Le Cerf,1914; *aurantiacum* Rebel,1917. Range (in code): **PL ES FR DE CZ SK AT UA YU HV HU BG IT TR SY IR Lo Bk By Fa 01 02 06 11 14 21 24 26 31 33 42 46 47 62 70 80 31M** Bionomy: Larva on *Quercus ilex*, *Quercus brantii* (Fagaceae) (Spatenka, et al.,1996; 1997).
597. **Paranthrene tabaniformis (Rottemburg,1775)** (Sesiidae) Synonym(s): *tabaniformis* Rottemburg,1775; *asiliiformis* [Denis & Schiffermüller],1775 nec Rott.,1775; *sesia* Gmelin,1789; *rhingiaeformis* Hübner,1790; *crabroniformis* Laspeyres,1801 nec Fabr.,1793; *tricincta* Harris,1839; *serratifomis* Freyer,1842; *rhingiiformis* Staudinger,1856; *denotata* Edwards,1882; *flammans* Hampson,1893 Range (in code): **MA DZ Sbd TN PT ES FR Co Si IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR CY TR DK NO SE FI EE LV LT RU Am MD UA BY CN Ui Kun Chr TJ Pm IR Elb Mz Ha Es 05 06? 14 18 31 40? 05A** Bionomy: Larva on *Populus*, *Salix*, *Hippophae rhamnoides*, *Loranthus europaeus*, *Betula alba* (Spatenka, et al.,1996).
598. **Pyropteron triannuliformis (Freyer,1845)** (Sesiidae) Synonym(s): *meriaeformis* Assmann,1845 nec Bsd.,1840; *triannuliformis* Freyer,1845; *braconiformis* Herrich-Schäffer,1846; *philanthiformis* Lederer,1853 nec Lasp.,1801; *armeniaca* Bartel,1906; *balcanica* Zukowsky,1929; *ljiljanae* Tosevski,1986; *pungeleri* K.Spatenka,1987 Taxonomical Reference: *Sesia triannuliformis* Freyer,1845, Neuere Beitr. Naturk. 5: 35. Type(s): [Türkei]: Constantinopel [Istanbul]. Range (in code): **FR Si IT DE CH AT PL CZ SK HU RO MK AL BG GR TR Cc GG Smt Bjo Tbl AZ Nv EE LV LT RU MD UA BY IR Ab Sro Ak Th Es LB Bsa IL Pa 01 04 05 06 07 08 13 16 17 22 25 30 31 34 35 36 39 42 44 46 50 58 05A 16A 30B 30Bc2 30D 30Du** Bionomy: Larva on *Rumex acetosella*, *R. acetosa*, *R. crispus*, *R. palustris*, *R. conglomeratus*, *Geranium sanguineum* (Geraniaceae); *Acetosella*, *Acetosa* (Spatenka et al.,1996).
599. **Synanthedon myopaeformis (Borkhausen,1789)** (Sesiidae) Synonym(s): *myopaeformis* Borkhausen,1789; *mutillaeformis* Laspeyres,1801; *luctuosa* Lederer,1853; *myopiformis* Staudinger,1856; *elegans* Lederer,1861. Range (in code): **EG PT ES FR IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR CY TR NO SE EE LV LT RU MD UA BY Cc GG Smt Bjo IR 05 06 16 25 31 32 34 35 42 44 50 05A 16A** Bionomy: Larva on *Malus*, *Crataegus*, *Sorbus*, *Mespilus germanica*, *Pyrus*, *Prunus*, *Cerasus*, *Padus*, *Hippophae rhamnoides* (Spatenka et al.,1996).
600. **Synanthedon stomoxiformis (Hübner,1790)** (Sesiidae) Synonym(s): *stomoxiformis* Hübner,1790; *culiciformis* Scopoli,1763 nec Linn.,1758; *stomoxiformis* Hübner,1796; *amasina* Staudinger,1878. Range (in code): **PT ES FR IT DE CH AT PL CZ SK RO YU AL BG TR LT RU MD UA BY AM Kho IR Gls Fa Es By AZ Kir Cc IL Pa 05 08 31 36 42 46 05A** Bionomy: Larva on *Rhamnus catharticus*, *Frangula alnus*, *Mespilus germanica*? (Spatenka et al.,1996).
601. **Synanthedon syriaca Spatenka,2001** (Sesiidae) Synonym(s): *syriaca* Spatenka,2001 Taxonomical Reference: *Synanthedon syriaca* Spatenka,2001, Ent. Z. 111(3): 75-80, figs. Range (in code): **SY TR 31**

## Sphingidae

602. **Akbesia davidi (Oberthür,1884)** (Sphingidae) Synonym(s): *davidi* Oberthür,1884 Taxonomical Reference: *Deilephila davidi* Oberthür,1884, Annls Soc. ent. Fr. 6 (4) (Bull.): 11-13. Type: [Turquie]: Akbes (leg. A. Armand David). Range (in code): **TR IQ Ssa Cc AZ IR Elb Th Fa Ss SY IL Pa Jt Gol Hal LB AF Bm Srb JO 01 02 27 30 31 33 46 56 63 65 72 73 02E 02Ec 31M 56F 56Fa 56Fm 65D 65Di** Bionomy: Larva on *Pistacia*, *Rhus* (Anacardiaceae) (Pittaway,1983; De Freina & Geck,2003).
603. **Dolbina elegans A.Bang-Haas,[1913]** (Sphingidae) Synonym(s): *elegans* A.Bang-Haas,[1913]; *steffensi* Popescu-Gorj,1971. Taxonomical Reference: *Dolbina elegans* A.Bang-Haas,[1913], Dt. ent. Z., Iris 26 [31.12.1912]: 229-230. Syntypes: [Türkei]: Akbés bei Alexandrette [Iskenderun]. Range (in code): **MD RO BG GR TR IR JO 21 31 32 33 56 62 65 21N 21Nb 21Nh 31M 56F 62E 65D 65Di** Bionomy: Larva on ? *Fraxinus* (Pittaway,1983).



604. **Hemaris (s.str.) dentata (Staudinger,1887)** (Sphingidae) Synonym(s): *dentata Staudinger,1887* Range (in code): **TR SY Hal 02 07 23 27 31 32 46 51** Bionomy: Larva possibly on *Cephalaria* (Pittaway,1983,2004).
605. **Hyles livornica (Esper,[1780])** (Sphingidae) Synonym(s): *livornica Esper,[1780]*; *koechlini Fuessly,1781*; *tatsienluica Oberthür,1916*; *saharae Gehlen,1932*; *malgassica Denso,1944*; *tatsienluica Oberthür,1944*; *renneri Eitschberger, Danner & Surholt,1998*. Taxonomical Reference: *Sphinx livornica Esper,[1780]*, Die Schmett. 2 (13): 88. Type: Germany. Range (in code): **Md Cn MA DZ TN PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR IR Elb Shh Gor Ke Kh SbZ DK SE FI EE LV RU Sr Mo MD UA BY CN Ui GG Bjo Tbl IL Hf Pa LB Bsa Bei TM Kp K-A Krn PK Bl Qu AU SAu Ade Hw ZA Cap Fs Blo SO MG IQ TW TH CMa NP SI Ch Djl YE Ad CN Ti Yu T-T Cm CY Ss Kz Gau Tva Pre Agh JO AF Nu Bsg Srb Kab Nu Bsg Cc AZ AM Cc Cp Ak Msw Ess Orn Odj Agi Ges BSa Omy Bsk Ktr Khh DhM Onç Gha Dzc Mzg Hrh Gf Omy Gle Ceg Gtt Ath Ah 01 05 06 07 09 10 16 17 19 21 23 30 31 33 34 35 36 45 46 47 53 56 58 60 61 63 73 75 76 05A 06R 06Ra 06Re 07A 07C 10K 10Ka 16A 19G 19P 21N 21Nb 23I 30B 30Ba 31K 31Ka 46G 47F 47Fa 53N 56F 56Fa 56Fh 56Fo 58N 60C 63D 73C 73Cd 75F 76B 76Bb** Bionomy: Larva on *Rumex*, *Polygonum*, *Vitis*, *Fuchsia*, *Platago*, *Zygophyllum*
606. **Macroglossum stellatarum (Linnaeus,1758)** (Sphingidae) Synonym(s): *stellatarum Linnaeus,1758*; *nigra Cosmovici,1892*. Taxonomical Reference: *Sphinx stellatarum Linnaeus,1758*, Syst. Nat. (Edn.10) 1: 493. Range (in code): **Cn MA DZ TN LY EG PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU MK AL BG GR Cr TR IQ SY LB Bsa IL JO DK NO SE FI EE LV LT RU Sr Ur Mo Ao Sb To Am Vv MD UA Cm IR Elb Kh Ke KK KG Uk Ssn Sp TM Krn Kp TJ Pm UZ AF Ca PK Bl Qu CN Ui Kun BY KP KR TW JP Az Md CY Pa Hf K-A Lps Shh Ur Ask Pkn Cm Vl Pt Tt Or Bgd Rd JO Kab Khi Pjr Hrz Cc Mre Ab Qba Oru Ak Shf Rbt Saia Orn Agi Blid Omy Bsk Ktr Mzg Hrh Ahr Sfr Tni Tis 01 05 06 09 10 11 13 14 16 17 21 25 31 33 35 36 38 45 46 48 55 56 58 60 63 65 70 71 75 76 01H 05A 06R 06Rd 10D 10K 10Ka 13A 13Ab 13F 13Gw 13Gü 16A 33A 33Aa 36D 36Db 38G 38Ga 46F 46Fd 48F 48L 55F 56F 58N 63D 65D 65Dn 65Du 65E 65Eb 65Ec 65F 65Fb 65Fc 65Fd 65Fg 65Fz 65G 65Gs 65K 65Ks 65Kz 65Kg 65Ky 65Ky1 65M 65Mc 65Md 65N 65Np 65Nm 70C 70Cb 75F 76B 76Bi**

## Thaumetopoeidae

607. **Thaumetopoea (Traumatocampa) pityocampa ([Denis & Schiffermüller],1775)** (Thaumetopoeidae) Synonym(s): *#pityocampa [Denis & Schiffermüller],1775*; *ceballosi Agenjo,1941* Taxonomical Reference: *Bombyx pityocampa [Denis & Schiffermüller],1775*, Ankündigung syst. Werkes Schmett. Wienergegend: 58. Type(s): Vienna district. Range (in code): **DZ Abe Mage Ght Ges Btna PT ES FR Co Si IT DE CH AT AL BG GR Cr TR RU IL Pa Js 01 05 07 09 10 16 19 31 33 34 42 46 48 55 59 60 70 01H 05A 07A 09K 09Ka 16A 31L 33O 33H 46G 46Gf 48D 70C 70Cb** Bionomy: Larva on *Pinus sylvestris*, *P. laricio*, *P. pinea*, *P. halepensis*, *P. pinaster*, *P. nigra*, *P. maritima*, *Picea* ([Denis & Schiffermüller],1775; Schmimitschek,1953; De Freina,1983; Doğanlar & Doğanlar,2005).
608. **Thaumetopoea (Traumatocampa) wilkinsoni Tams,1925** (Thaumetopoeidae) Synonym(s): *wilkinsoni Tams,1925* Range (in code): **CY IL Pa LB SY TR 01 02 07 09 20 27 31 33 35 46 09K 09Ka** Bionomy: Larva on *Pinus halepensis*, *P. brutia*, *P. canariensis*, *P. roxburghii*, *P. eldarica*, *Cedrus libani*, *C. deodara*, *Cupressus sempervirens* (Halperin,1990).
609. **Thaumetopoea (s.str.) solitaria (Freyer,[1838])** (Thaumetopoeidae) Synonym(s): *solitaria Freyer,[1838]* Range (in code): **DZ Ges YU MK AL BG GR TR IQ Rwz LB CY IR Elb Fa Sse IL Pa Hf AF Srb SA 05 07 16 27 31 33 34 35 42 45 46 56 60 63 05A 07C 16A 42D 46G 46Gf 56F 56Fa** Bionomy: Larva on *Pistacia terebinthus*, *Cupressus sempervirens*, *Fraxinus* (Staudinger,1878; Wiltshire,1957; Freina & Witt,1987).

## Thyatiridae

610. **Cymatophorima diluta ([Denis & Schiffermüller],1775)** (Thyatiridae) Synonym(s): *diluta [Denis & Schiffermüller],1775*; *fasciculosa Borkhausen,1790*; *bistrigata Borkhausen,1790*; *hartwiegi Reisser,1927* Taxonomical Reference: *Noctua diluta [Denis & Schiffermüller],1775*, Ankündigung syst. Werkes Schmett. Wienergegend: 87. Type(s): Vienna district. Range (in code): **PT ES FR Co IT GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR DK NO SE RU MD UA BY 06 31 06R 06Rb 31B 31C**
611. **Polyplocia korbi Rebel,1901** (Thyatiridae) Synonym(s): *korbi Rebel,1901* Taxonomical Reference: *Polyplocia korbi Rebel,1901*, Annln naturh. Mus. Wien 16: 167. Type ♂: Türkei, Akşehir (ZMHU) [see: Int. ent. Z. 24 (45): Tafel, fig.2]. Range (in code): **TR IQ IL Pa SY IR 06 07 16 21 31 33 42 46 50 56 64 73 06R 06Rb 07A 21N 21Nh 31B 42B 56F 64F 73C 73A 73Ab 73Cd**

**Tineidae**

612. **Edosa fuscoviolacella (Ragonot,1895)** (Tineidae) Synonym(s): *violacella* Rebel,1893 (*praeocc.*); *fuscoviolacella* Ragonot,1895; *luteocapitella* Amsel,1935 Taxonomical Reference: *Tineola fuscoviolacella* Ragonot,1895, Bull. Soc. ent. Fr. 1895: cv. Type ♂: [Turquie]: Hte. Syrie, [Akbes]. Range (in code): CY TR IL Hf Js Pa IQ LB Bsa Bei Cc AZ Nv Ord SY Dms IR Lo Bk 01 31 42 46 47 71 31M 42B 71D
613. **Edosa lardatella (Lederer,1858)** (Tineidae) Synonym(s): *lardatella* Lederer,1858 Taxonomical Reference: *Psecadia* ? *lardatella* Lederer,1858, Wien. ent. Monatschr. 2: 151, Taf.4 fig.11. Syntypes ♂♀: locality unknown. Range (in code): MA DZ Gea Gha Omy Gtt Lbs Dja Eba Bsk TN Gf LY IL Pa Js JO LB Bei TR Sn EG SA OM IR Ab Oru Kd Mrv Bne Ak Tbz Kz Hz Dzf 30 31 44 46 30B 30Bc 30Bc1 31M
614. **Euplocamus delagrangei Ragonot,1895** (Tineidae) Synonym(s): *delagrangei* Ragonot,1895; *#delagrangeri* Gaedike,2011 Taxonomical Reference: *Euplocamus delagrangei* Ragonot,1895, Bull. Soc. ent. Fr. 1895: ciii-civ. Syntypes ♂♀: [Turquie]: Ht. Syrie: Akbes. Range (in code): TR 01 31 31M
615. **Hapsifera luridella Zeller,1847** (Tineidae) Synonym(s): *luridella* Zeller,1847; *eburnea* Butler,1881; *palaestinensis* Rebel,1901; *baliopsamma* Meyrick,1921; *torulosa* Turati,1919; *cyrenaicensis* Turati,1924; *pustulatella* Lucas,1942 nec Zell.,1852; *kerbelella* Amsel,1949; *asiatica* Amsel,1949; *susaella* Amsel,1959 Taxonomical Reference: *Hapsifera luridella* Zeller,1847, Isis 1847: 33. Syntypes 3♂; Lectotype ♂: [Turkey]: "Patara", designated by Robinson,1982, Entomologist's Gaz. 33: 178 (BMNH). Range (in code): MA TN LY Cy EG MK BG GR Cr TR CY LB Bei IL Pa Hf JO IQ Kbl Hjo SA YE IR Ab Oru Kz Ahz Yas Km Sdt Mak Ak Hz Bu Fa Shr Ss Ke Jrf Kaz Das Snj Kd Es Th Kdj Qz Gh Elb Dam UZ TJ PK Krc AF Srb BH Cc GG Lag AM AZ Kir Nv Ord SY Dms 01 05 06 16 21 22 27 31 42 46 56 65 71 73 76 05A 06R 21N 21Nh 31M 56F 56Fb 56Fs 56Fs1 65D 65N 65Np2 65Np6 65Nm 71B 71D 73D 73Df 73Dfc 76B 76Bb 76C
616. **Hapsifera multiguttella (Ragonot,1895)** (Tineidae) Synonym(s): *multiguttella* Ragonot,1895; *jerichoella* Amsel,1935. Taxonomical Reference: *Euplocera multiguttella* Ragonot,1895, Bull. Soc. ent. Fr. 1895: civ-cv. Type ♂: [Turquie]: Hte. Syrie [Akbes] (MNHNP). Range (in code): DZ TN LB Bei SY Dms JO IL Pa Jer TR 31 42 46 31M
617. **Monopis meleodes Meyrick,1917** (Tineidae) Synonym(s): *meleodes* Meyrick,1917 Taxonomical Reference: *Monopis meleodes* Meyrick,1917, Exot. Microlepid. 2: 84. Type ♂: [Turkey]: Almadagh. Range (in code): TR IQ 31
618. **Nemaxera betulinella (Paykull,1785)** (Tineidae) Synonym(s): *betulinella* Paykull,1785; *betulea* Haworth,1828; *corticella* Curtis,1834; *emortuella* Zeller,1839 Range (in code): FR IT GB BE NL DE AT PL CZ SK HU RO BG TR DK NO SE FI EE LV LT RU MD UA BY 31 31M
619. **Neurothaumas ankerella (Mann,1867)** (Tineidae) Synonym(s): *ankerella* Mann,1867; *geratocoma* Walsingham,1907; *nigratella* Chrétien,1917; *burdigalensis* Le Marchand,1934; *tirsella* Amsel,1952; Taxonomical Reference: *Tinea ankerella* Mann,1867, Verh. zool.- bot. Ges. Wien 17: 75. Range (in code): MA DZ Anna Phv ES Mu FR Sa IT DE AT PL CZ SK HU RO YU AL BG GR TR DK RU MD UA Cm Cc GG IR 01 07 31 46
620. **Reisserita chrysoterella (Herrich-Schäffer,[1854])** (Tineidae) Synonym(s): *chrysoterella* Herrich-Schäffer,[1854]; *vitellinella* Staudinger,1859 Range (in code): MA PT ES TR LB Bsa 31 33 31K 31Ka
621. **Trichophaga tapetzella (Linnaeus,1758)** (Tineidae) Synonym(s): *tapetzella* Linnaeus,1758; *pulchella* Fabricius,1794; *pulchana* Fabricius,1798; *#tapezana* Fabricius,1798; *#tapetiella* Zeller,1839; *palaestrica* Butler,1877 Range (in code): PT ES FR Co Sa IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr CY TR DK NO SE FI EE LV RU MD UA BY ZA SA 05 16 31 05A 16A 31K 31Ka

**Tortricidae**

622. **Acleris variegana ([Denis & Schiffermüller],1775)** (Tortricidae) Synonym(s): *variegana* [Denis & Schiffermüller],1775; *asperana* Fabricius,1777; *osbeckiana* Thunberg,1784; *nyctemerana* Hübner,[1817]; *blandiana* Charpentier,1821; *blandana* Hübner,[1825]; *cirrana* Curtis,1835; *albana* Humpreys & Westwood,1845; *insignana* Herrich-Schäffer, 1851. Taxonomical Reference: *Tortrix variegana* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 130. Type(s): Vienna district. Range (in code): MA Rbt DZ Anna PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU B-H MK AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY Cm Da LB Bsa IL Pa Js IQ



**Shq SY Ltk Hal Cc AM GG IR Es Dam GlS Mz Elb Kdj Th Kh KG Aa TrA T-S TM UZ Br US Cf CA BCo Org 05 06 15 16 31 32 35 42 44 46 61 05A 16A 31M 42B** Bionomy: Larva on Crataegus, Malus, Pyrus communis, Prunus spinosa, P. avium, Rosa, Poterium, Cotoneaster, Potentilla fruticosa, Sanguisorba, Amygdalus (Rosaceae), Corylus (Corylaceae), Ulmus (Ulmaceae), Vaccinium myrtillus (Vacciniaceae), Colutea (Fabaceae) (Razowski,2001).

**623. Aethes capnospila (Meyrick,1912)** (Tortricidae) Synonym(s): *capnospila* Meyrick,1912 Taxonomical Reference: Phalonia capnospila Meyrick,1912, Exot. microlepid. 1: 20. Type ♂: [Turkey]: "Alma Dag". Range (in code): **GR Rd LB Bei TR 31 33 42 33O**

**624. Aethes deaurana (Peyerimhoff,1877)** (Tortricidae) Synonym(s): *deaurana* Peyerimhoff,1877; *fusciella* Turati,1924. Taxonomical Reference: Cochylis deaurana Peyerimhoff,1877, Petite nouv. ent. 2: 101. Type: France: Insel St. Marguerite (Cannes). Range (in code): **DZ Phv LY Cy PT ES FR Sa IT MT YU TR 31 31M** Bionomy: Larva on Smyrnum olusatrum (Swatschek,1958).

**625. Aethes margarotana (Duponchel,1836)** (Tortricidae) Synonym(s): *margarotana* Duponchel,1836; *maritimana* Guenée,1845; *parallelana* Kennel,1913; *edrisitana* Chrétien,1922; *paronyma* Meyrick,1932. Range (in code): **DZ PT ES FR Si IT GB DE AT PL CZ SK HU RO YU AL GR Cr TR Cc AM Eri IL Pa SY Ltk IR Fa By Ke Es Ss 05 06 16 31 33 35 42 46 54 71 05A 06R 16A 33O** Bionomy: Larva on Eryngium maritimum (Apiaceae) (Swatschek,1958).

**626. Aphelia (Zelotherses) insincera (Meyrick,1912)** (Tortricidae) Synonym(s): *insincera* Meyrick,1912 Taxonomical Reference: Tortrix insincera Meyrick,1912, Exot. Microlepid. 1: 7. Lectotype ♂: [Turkey]: Alma Dag [Amanos Mountains] (BMNH). Range (in code): **TR 31**

**627. Aphelia (Zelotherses) ochreana (Hübner,[1799])** (Tortricidae) Synonym(s): *ferugana* Hübner,1793 (homonym); *ochreana* Hübner,[1799]; *shaqlawana* Amsel,1955; *chretieni* Obraztsov,1957 Range (in code): **FR Sa Si IT DE CH AT CZ SK HU RO YU AL BG GR TR IQ Shq SY Hal Cc AM Eri GG IR Qz Th Kdj 05 13 14 16 21 30 31 42 46 56 65 71 73 05A 13Gö 13Gg 16A 21N 21Nb 31M 56F 56Fc 65D 65Di 65Dh 65Du 65F 65Fd 65Fe 65Fc 65Fz 65G 65K 65Kz 65Kg 65N 65Np 65Np1 65Np2 65Nm 73A 73Ak** Bionomy: Larva on Anemone, Pulsatilla (Ranunculaceae), Arabis turrita (Brassicaceae), Ononis (Fabaceae), Linus (Linaceae) (Parenti,2000); Carex nigra ssp. alpina (Poaceae) (Kemal & Koçak,2004).

**628. Bactra (s.str.) lancealana (Hübner,[1799])** (Tortricidae) Synonym(s): *lancealana* Hübner,[1799]; *#lanceolana* Hübner,[1822]; *egestana* Haworth,1811; *plagana* Haworth,1811; *dibeliana* Hübner,[1819]; *rufana* Stephens,1834; *nigrovittana* Stephens,1852; *suspensa* Diakonoff,1962; *mongolica* Diakonoff,1972 Taxonomical Reference: Tortrix lancealana Hübner,[1799], Samml. eur. Schmett. Tortrices: Pl.13 fig.80. Type(s): Europa. Range (in code): **DZ Bsk TN Gf PT ES FR Co Sa Si IT MT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Rd Cr DK NO SE FI EE LV LT RU MD UA BY TR IL Pa LB Cc AM Eri IQ Bsr Hjo IR Gh Tgo Mz GlS Kh TJ Pm MN CN Ui Kml US 05 06 16 31 34 46 05A 16A 31M**

**629. Cacoecimorpha pronubana (Hübner,[1799])** (Tortricidae) Synonym(s): *pronubana* Hübner,[1799]; *ambustana* Frölich,1830; *herminiana* Treitschke,1835; *insolatana* Lucas,1848; *perochreana* Herrich-Schäffer,1856; *obsoletana* Strand,1901 Range (in code): **DZ Orn Anna TN Gf PT ES FR Co Sa Si IT MT IE GB BE NL CH RO AL GR Rd CY TR SY Hal DK ?ZA UA Cm 01 16 27 31 33 34 35 46 80 16A 31K** Bionomy: Larva on Aristolochia (Aristolochiaceae); Dianthus (Silenaceae); Euphorbia (Euphorbiaceae); Thymus (Lamiaceae); Saxifraga (Saxifragaceae); Hedera (Araliaceae); Ligustrum, Oliva europaea (Oleaceae); Pistacia (Anacardiaceae), Rubus, Rosa (Rosaceae); Viburnum (Caprifoliaceae), Robinia (Fabaceae) (Razowski,2001); Nerium oleander (Apocyanaceae) (Hornemann,2009).

**630. Cnephasia (s.str.) asseclana ([Denis & Schiffermüller],1775)** (Tortricidae) Synonym(s): *asseclana* [Denis & Schiffermüller],1775; *interjectana* Haworth,1811; *virgaureana* Treitschke,1835; *#virgaureana* Ragonot,1895; *oleraceana* Gibson,1916 Taxonomical Reference: Tortrix asseclana [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 131. Type(s): Vienna district. Range (in code): **Cn ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR DK NO SE FI EE LV LT RU MD UA BY Cc GG TR 31 31M** Bionomy: Larva on Chrysanthemum (Asteraceae), Ranunculus (Ranunculaceae), Rumex (Polygonaceae), Plantago (Plantaginaceae), Lathyrus (Fabaceae) (Razowski,2001).

**631. Cnephasia (s.str.) kenneli Obraztsov,1956** (Tortricidae) Synonym(s): *obsoletana* Kennel,1901 nec Wd.,1832; *kenneli* Obraztsov,1956. Range (in code): **TR SY CN Ui Ku 31 44 46 80 31M 80Ba**

**632. Cochylidia implicitana (Wocke,1856)** (Tortricidae) Synonym(s): *implicitana* Wocke,1856; *coercitana* Staudinger,1859; *noctulatana* Agenjo,1952. Range (in code): **MA PT ES FR IT GB BE NL LU DE CH AT PL CZ SK HU RO YU AL TR DK NO SE FI EE LV LT RU MD UA BY KK KG TrA Aa DsA IR Mz CN Ui 31** Bionomy: Larva on Matricaria, Artemisia, Anthemis, Solidago, Chrysanthemum, Aster,

Alchemilla, Chrysocoma, Gnaphalium, Helichrysum, Tanacetum (Asteraceae) (Razowski,1970,2001).

633. **Cochylimorpha kurdistan** (Amsel,1959) (Tortricidae) Synonym(s): *kurdistan* Amsel,1959 Taxonomical Reference: Euxanthia kurdistan Amsel,1959, Bull. Soc. ent. Egypte 43: 57, t10, fig.7, t.11 fig.2. Holotype ♂: Iraq: Haji Omran (LNK). Range (in code): **SY TR IQ Hjo Shq IR Kd Bne Sqg Lo Th 31 31M**

634. **Cochylimorpha langeana** (Kalchberg,1897) (Tortricidae) Synonym(s): *langeana* Kalchberg,1897; *anticyphas* Meyrick,1936; *hannemanni* Razowski,1961 Taxonomical Reference: Conchyliis langeana Kalchberg,1897, Dt. ent. Z., Iris 10: 188. Lectotype ♀: "Haifa, Syria", designated by Razowski,1970 (NHMW). Range (in code): **IL Hf Jt Pa TR LB Bmm IR Th 06 31 71 06F 31M**

635. **Cochylimorpha meridiana** (Staudinger,1859) (Tortricidae) Synonym(s): *meridiana* Staudinger,1859; *claviculana* Mann,1863; *frauenfeldi* Mann,1871; *naeviferana* Kennel,1899; *priscillana* Kennel,1919. Range (in code): **PT ES An FR IT CH YU MK AL BG RO GR TR RU Sr Ur Pr Cc GG AM LB KG Tk Dj CN Ui Ku 05 06 31 38 42 46 05A 31M 38G 46G**

636. **Cochylimorpha straminea** (Haworth,[1811]) (Tortricidae) Synonym(s): *straminea* Haworth,[1811]; *tischerana* Treitschke,1830; *sudana* Duponchel,1836; *substraminea* Ragonot,1895; *scabiosa* Kennel,1900; *lentiginosana* Kennel,1900; *ramessana* Rebel,1912; *numidana* Turati,1924; *glaisana* Lucas,1942; *pallens* Lucas,1954. Range (in code): **Cn MA DZ Bsk Lbs Anna TN Gf LY Cy PT ES FR Co Sa Si IT MT IE GB BE NL DE CH AT PL CZ SK HU RO YU AL BG GR TR CY IR Elb Mz Clu Ak Mrd Ar Km DK SE LT RU Pt Ur MD UA BY IL Pa Hf Js LB IQ Shq Hjo SY Dms Cc AM Eri AZ Len TM KG Uk 05 06 16 31 33 35 42 46 76 05A 16A 31M 42B 42R 76C**

Bionomy: Larva on Scabiosa (Dipsacaceae), Artemisia, Centaurea (Asteraceae) (Swatschek,1958; Razowski,2001).

637. **Crociosema plebejana** Zeller,1847 (Tortricidae) Synonym(s): *plebejana* Zeller,1847; *altheana* Mann,1855; *lavaterana* Millière,1863; *peregrinana* Möschler,1866; *obscura* Wollaston,1879; *blackburnii* Butler,1881; *signatana* Walsingham,1894; *ptiladelpha* Meyrick,1917; *insulana* Aurivillius,1922; *synneurota* Meyrick,1926; *tornocycla* Turner,1946; *charmera* Turner,1946. Taxonomical Reference: *Crociosema* plebejana Zeller,1847, Isis 1847: 721. Type(s): Sicilia: Syracuse. Range (in code): **DZ Anna Bsk MA TN Gf PT ES FR Co Sa Si IT MT IE GB BE DE CH AT PL CZ SK HU RO YU B-H HV MK SS AL BG GR Cr TR DK RU MD UA BY Cc GG AZ AM SA IR IL Pa Hf LB Bsa SA As YE TM IN Hp Ddu TH CMa TW AU CA US MX BR PE CO VE EC GS ZA PH Luz Hw SH CL 01 14 31 42 65 01K 31M 42B 65D 65Du**

Bionomy: Larva on Lavatera, Althaea, Malva parviflora, Hibiscus (Malvaceae); Crataegus (Rosaceae); Zea mays (Poaceae); Gossypium (Chrétien,1917; et seq.).

638. **Cydia selliferana** (Kennel,1901) (Tortricidae) Synonym(s): *selliferana* Kennel,1901 Taxonomical Reference: Grapholitha selliferana Kennel,1901, Dt. ent. Z., Iris 13: 299. Type ♀: [Türkei]: "Eibes". Range (in code): **TR 31**

639. **Diceratura roseofasciana** (Mann,1855) (Tortricidae) Synonym(s): *roseofasciana* Mann,1855; *aequana* Caradja,1916; *keredjana* Razowski,1963. Range (in code): **PT ES FR Co Sa Si IT HU RO YU TR IL LB Bsa Bei SY Dms Da Cc Hal RU Sr IR Kz Kdj Elb 01 05 06 16 31 42 46 01K 05A 16A 31M 42B 46G**

640. **Dichelia alexiana** (Kennel,1919) (Tortricidae) Synonym(s): *alexiana* Kennel,1919 Taxonomical Reference: Cacoecia alexiana Kennel,1919, Mitt. münch. ent. Ges. 8: 53. Holotype ♂: [Turkey: Hatay]: Akbes (MNHU). Range (in code): **TR 31 31M**

641. **Endothenia sororiana** (Herrich-Schäffer,[1851]) (Tortricidae) Synonym(s): *#sororiana* Herrich-Schäffer,[1850]; *sororiana* Herrich-Schäffer,[1851]; *phlomidana* Staudinger,1871. Taxonomical Reference: Penthina sororiana Herrich-Schäffer,[1851], Syst. Bearb. Schmett. Eur. 4: 230. Type: Sicilia. Range (in code): **Si IT HU YU GR LT TR Cc GG UA 05 31 05A 31M**

642. **Eugnosta lathoniana** (Hübner,[1800]) (Tortricidae) Synonym(s): *lathoniana* Hübner,[1800] Range (in code): **DZ PT ES Abr FR DE AT SK HU RO YU HV MK BG GR PI TR Cc GG Smt Akh AM Eri RU Ur Sr St Tt UA KG Uk IR Ab Mak Khy Ar Ak Aha 06 16 31 36 42 58 70 06R 16A 31M 36D 36Db 42R 58G** Bionomy: Larva on Carduus? (Asteraceae) (Razowski,2001).

643. **Hedya pruniana** (Hübner,[1799]) (Tortricidae) Synonym(s): *pruniana* Hübner,[1799]; *pruneticolana* Zeller,1849 Taxonomical Reference: Tortrix pruniana Hübner,[1799], Samml. eur. Schmett. Tortrices: pl.3 fig.15. Type(s): Europa. Range (in code): **ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU MD UA BY AZ Cc GG IR KG 03 05 14 16 27 31 33 42 45 46 71 81 05A 16A 31K 31Ka** Bionomy: Larva on Crataegus, Corylus avellana (Kuznetsov,1979).

644. **Lobesia (s.str.) glebifera** (Meyrick,1912) (Tortricidae) Synonym(s): *glebifera* Meyrick,1912 Taxonomical Reference: Polychrosis glebifera Meyrick,1912, Exot. Microlepid. 1: 34. Type ♂: [Turkey]: Asia Minor: Alma Dagħ [Amanos Dağları] (BMNH). Range (in code): **TR 31**



645. **Notocelia rosaecolana (Doubleday,1850)** (Tortricidae) Synonym(s): *rosaecolana* Doubleday,1850; *rosae* Matsumura,1917 Range (in code): **ES FR IT IE GB BE NL LU DE CH AT PL CZ SK RO YU DK NO SE FI EE LV LT RU MD UA BY TR IR GlS 31 31M**
646. **Notocelia uddmanniana (Linnaeus,1758)** (Tortricidae) Synonym(s): *uddmanniana* Linnaeus,1758; *rubiana* Scopoli,1763; *achata* Hübner,[1799] Taxonomical Reference: *Phalaena uddmanniana* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 823. Type: Europa. Range (in code): **DZ Anna ES FR Co Sa Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL GR TR DK NO SE FI EE LV LT RU MD UA BY LB Bei IL Pa SA AZ Len Cc GG IR Mz KG TJ 01 05 06 14 16 21 31 46 53 58 65 81 01K 05A 16A 31M 58G 58Gb 65N 65Np 65Nm** Bionomy: Larva on *Rubus fruticosus*, *R. caesius* (Rosaceae); *Fragaria* (Kuznetsov,1994).
647. **Phalonidia contractana (Zeller,1847)** (Tortricidae) Synonym(s): *contractana* Zeller,1847; *manifestana* Kennel,1900; *exaequata* Meyrick,1923; *thermoconis* Meyrick,1925. Range (in code): **DZ Bsk Anna PT ES FR Sa Si IT MT AT CZ SK HU RO MK AL BG Bgz GR TR CY LB Bei IL Hf Js Pa Cc AM Eri SY Dms IR Gor Elb Mz Clu Kh GlS Th Dam Ar Fa Gh TM Kp AF Srb TJ Pm Ch RU Sr Ur KG Uk CN Ui Ku KK IN Ch Sri 05 06 14 15 16 31 33 42 46 71 06R 16A 31M 33F 42B 46G** Bionomy: Larva on *Artemisia*, *Anthemis*, *Cichorium*, *Inula viscosa*, *I. graveolens* (Asteraceae), *Lactuca* (Cichoriaceae) (Kennel,1913; Bovey,1966, Razowski,2001).
648. **Phtheochroa chalcantha (Meyrick,1912)** (Tortricidae) Synonym(s): *chalcantha* Meyrick,1912 Taxonomical Reference: *Pharmacis chalcantha* Meyrick,1912, Exot. Microlepid. 1: 20. Lectotype ♂: [Turkey]: Kleinasien: Alma Dag [Amanos Mts.] (BMNH). Range (in code): **RU TR 31**
649. **Phtheochroa duponchelana (Duponchel,1843)** (Tortricidae) Synonym(s): *duponchelana* Duponchel,1843; *duponcheliana* Costa,1847; *gloriosana* Herrich-Schäffer,1851; *syriaca* Walsingham,1900 Taxonomical Reference: *Seriocoris duponchelana* Duponchel,1843, Hist. Nat. Lep. Fr., Suppl. 4: 43, Pl. 62 fig.5. Type: [Italy]: Neapel (MNHNP). Range (in code): **MA DZ FR Si MT IT HU HV B-H YU AL GR Cr TR LB Bei SY 01 06 16 31 42 65 01K 06F 16A 31M 42B 65D 65DI** Bionomy: Larva on *Acanthus spinosus* (Razowski,1970).
650. **Phtheochroa palpana (Ragonot,1894)** (Tortricidae) Synonym(s): *palpana* Ragonot,1894 Taxonomical Reference: *Conchylis palpana* Ragonot,1894, Annls Soc. ent. Fr. 63: 195. Type ♂: [Turquie]: Hadjin (MNHNP). Range (in code): **TR SY Hal IQ JO 01 07 31 38 42 31M 38H 38Hc 42B 42Ba**
651. **Phtheochroa sodaliana (Haworth,1811)** (Tortricidae) Synonym(s): *sodaliana* Haworth,1811; *amandana* Herrich-Schäffer,1851. Taxonomical Reference: *Tortrix sodaliana* Haworth,1811, Lepid. Br. 3: 436. Type(s): Great Britain. Range (in code): **FR IT IE GB NL DE CH AT PL CZ SK HU RO YU HV GR TR CY LB? DK NO SE FI EE LV LT RU Ur MD UA BY KG Uk 31 31K 31Ka** Bionomy: Larva on *Rhamnus catharticus*, *Frangula alnus* (Rhamnaceae) (Kennel,1913).
652. **Pseudosciaphila branderiana (Linnaeus,1758)** (Tortricidae) Synonym(s): *branderiana* Linnaeus,1758; *fuscana* Linnaeus,1758; *wahlbomiana* Linnaeus,1758; *asinana* Clerck,1759; *grossana* Thunberg,1791; *achariana* Thunberg,1797; *maurana* Hübner,[1799]; *sajana* Caradja,1938 Taxonomical Reference: *Phalaena branderiana* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 531. Type(s): Europa. Range (in code): **DZ Eba FR Si IT GB BE NL LU DE CH AT PL CZ SK HU RO BG TR IL Pa Hf DK NO SE FI EE LV LT RU MD UA BY Cc GG JP 31 39 31M** Bionomy: Larva on *Populus tremula* (Razowski,1983).

## Yponomeutidae

653. **Niphomympha albella (Zeller,1847)** (Yponomeutidae) Synonym(s): *albella* Zeller,1847; *dealbatella* Zeller,1847; *immaculanella* Bruand,1850; *cignivicinella* Bruand,1859 Range (in code): **FR Co Si IT DE CH AT CZ SK HU RO YU TR 06 31 46 06R**
654. **Plutella (s.str.) xylostella (Linnaeus,1758)** (Yponomeutidae) Synonym(s): *xylostella* Linnaeus,1758; *cinerea* Fourcroy,1785 nec Hufn.,1766; *xylostei* Fabricius,1798; *maculipennis* Curtis,1832; *niveella* Zeller,1839; *cruciferarum* Zeller,1843; *brassicella* Fitch,1856; *limbipennella* Clemens,1860; *mollipedella* Clemens,1860; *cicerella* Rondani,1876; *dubiosella* Beutenmüller,1889; *albovenosa* Walsingham,1897; *megapterella* Bentineck,1943 Taxonomical Reference: *Phalaena Tinea xylostella* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 538. Range (in code): **DZ Ajj Gha TN PT ES FR Co Sa Si IT MT IS IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR Cr TR DK NO SE FI EE LV LT RU MD UA BY AF Hr IR Elb Kdv Dam Mz Kh GlS IQ Njf Hjo LB Bsa IL Hf Pa ZA TH MY Cmh IN Hp SA AE YE 01 06 31 34 38 42 48 65 71 31K 31Ka 48L 65D 65Dy 65E 65Eb 65Ed 65F 65Fi 65Fz 65K 65N 65Nc 65Kz 65Kg** Bionomy: Larva on *Brassica* (Brassicaceae) (Staudinger,1879); *Capsella bursa-pastoris* (Brassicaceae) (Kemal et al.,2009).

655. **Ypsolopha persicella (Fabricius,1787)** (Yponomeutidae) **Synonym(s):** *persicella* Fabricius,1787; *sulphurella* Hübner,1793; *#persicellume* Noack,1960. **Taxonomical Reference:** *Alucita persicella* Fabricius,1787, Mantissa Insectorum 2: 255. Type: Austria. **Range (in code):** PT ES FR IT BE DE CH AT PL CZ SK HU RO YU BG GR TR RU Cc IL Pa MD UA Cm BY 01 05 06 16 24 31 35 05A 16A 31M **Bionomy:** Larva on Rosaceae (Zagulyaev,1981).
656. **Zelleria oleastrella (Millière,1864)** (Yponomeutidae) **Synonym(s):** *oleastrella* Millière,1864 **Range (in code):** Cn PT ES FR Co Sa Si MT YU GR Cr CY TR 01 31 33 80 01C 01E 01G 31B 31C 31D 31H 31G 31K 31L 31O 33R 80A 80B 80E 80G

## Zygaenidae

657. **Adscita (s.str.) obscura (Zeller,1847)** (Zygaenidae) **Synonym(s):** *obscura* Zeller,1847; *anceps* Staudinger,1862. **Taxonomical Reference:** *Procris obscura* Zeller,1847, Isis 1847: 15. Lectotype ♂: [Greece]: Rhodos, designated by Tarmann & Tremewan,1995 (BMNH). **Range (in code):** MK BG GR Rd CY TR RU Da Cc GG SY LB Bsa Pa IL Hf EG IQ IR Fa Sse GlS Kh 05 06 12 16 31 33 35 36 38 42 46 50 51 56 63 65 71 80 05A 06R 06Rd 16A 56F 56F1 63B 65F 65Fb 65N 65Nr7 65Nm **Bionomy:** Larva on Helianthemum (Cistaceae) (Naumann et al.,1999); *Helianthemum syriacum* (de Freina,2003).
658. **Adscita (s.str.) statices (Linnaeus,1758)** (Zygaenidae) **Synonym(s):** *statices* Linnaeus,1758; *turcosa* Retzius,1783; *stuticus* Fourcroy,1785; *micans* Freyer,1833; *extensa* Alberti,1937; *anomala* Verity,1946; *lutrinensis* Heuser,1960; *heuseri* Reichl,1964 **Taxonomical Reference:** *Sphinx statices* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 495. Type(s): Europa. **Range (in code):** ES FR IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU AL BG GR TR DK NO SE FI EE LV LT RU Sb Cc GG MD UA BY KK KG CN Ui li 06 10 23 31 38 58 80 06R 06Rb 10K 10Ka 58N 58R 58Rd **Bionomy:** Larva on Rumex acetosa, R.acetosella (Hering,1964; Naumann et al.,1999).
659. **Clelea fusca (Leech,1887)** (Zygaenidae) **Synonym(s):** *fusca* Leech,1887; *microphaea* Hampson,1919; *syriaca* Hampson,1919; *maerens* Matsumura,1925 *nec* Stgr.,1887; *sachalinensis* Matsumura,1927 **Range (in code):** JP KP KR RU Sh TR SY 31
660. **Jordanita (Roccia) hector (Jordan,1909)** (Zygaenidae) **Synonym(s):** *hector* Jordan,1909; *#monotona* Alberti,1937 **Range (in code):** TR LB 01 03 31 33 42 80 **Bionomy:** Larva probably on Centaurea chirolopha (Asteraceae) (Naumann et al.,1999).
661. **Zygaena (Agrumenia) carniolica (Scopoli,1763)** (Zygaenidae) **Synonym(s):** *carniolica* Scopoli,1763; *nigra* Dziurzynski,1909; *transiensnigra* Dziurzynski,1909 **Taxonomical Reference:** *Sphinx carniolica* Scopoli,1763, Entomologia Carniolica: 189. Type(s): [Slovenien]: Carniolia [Krain]. **Range (in code):** ES FR Si IT BE LU DE Brd CH AT Stm PL CZ SK HU RO Do B-H Sjn HV Zad SS YU MK Skj AL BG Vrn Ppp Slv GR Cr Ve Prn TR IR Elb Mz Dam KG Tk li CN Ui UZ LB Ksr Bsa SY Nv Ord AZ AM Alg GG Smt Im Kta Akh Cc LV RU Ur Nt Sr Da Aty Nov Kr Kis Tua MD UA Cm BY 01 04 05 06 07 08 13 14 16 18 22 23 24 25 29 30 31 33 34 35 36 37 38 39 41 42 43 46 58 60 65 66 71 75 76 77 78 01K 05A 06C 06Cb 16A 18F 25E 31M 33G 37E 37Eb 46L 58F 58N 60H 60Hb 65D 65Dda 65F1 65Fz 65H 65K 65Kc 65Kr 65N 65Np1 65Nm 75F 76C 78D 78Da
662. **Zygaena (Agrumenia) loti ([Denis & Schiffermüller],1775)** (Zygaenidae) **Synonym(s):** *loti* [Denis & Schiffermüller],1775; *fulvia* Fabricius,1777 **Taxonomical Reference:** *Sphinx loti* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 45. Type(s): Vienna district. **Range (in code):** ES FR IT GB BE LU DE CH AT PL CZ SK HU RO YU HV B-H MK AL BG Slv GR TR IR GG Sva Sok Abk Aba Cc AM Eri AZ Nv RU Kb Teb Da Kis MD UA Cm BY 04 05 06 08 12 13 14 18 22 23 25 26 28 29 30 31 32 36 37 38 42 44 46 49 53 58 60 62 65 69 71 75 76 78 05A 06C 06Cb 06K 06Kc 06R 06Rd 06Rk 08G 12A 12Ab 14I 14Ib 23I 32C 36D 36Dd 36F 36Fa 44A 44Ab 46F 46Fd 62E 65D 65Dn 65Dt 65F 65Fb 65Fd 65Fp 65Fz 65K 65Kd 65Kg 65N 65Np1 65Np2 65Np7 65Np8 65Nr2 65Nm 75F 76C 76D 76Dd 78D 78Da
663. **Zygaena (Mesembrynus) minos ([Denis & Schiffermüller],1775)** (Zygaenidae) **Synonym(s):** *minos* [Denis & Schiffermüller],1775. **Taxonomical Reference:** *Sphinx minos* [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 45. Type(s): Vienna district. **Range (in code):** FR IT DE CH AT PL CZ SK HU RO YU AL BG GR TR SY Hal GG AZ Len Cc AM Alg DK SE FI EE LV LT RU Sr Da IR Elb GlS TM Kp 01 06 07 10 13 23 24 31 32 33 36 42 44 48 53 58 60 61 65 66 75 01K 06C 06Cb 06K 06Kb 06R 06Rk 07A 07Ag 07B 13G 31M 36D 36Db 36Dc 36F 75A 75Ab **Bionomy:** Larva on Eryngium (Apiaceae) (Naumann & Naumann, 1980,1985).
664. **Zygaena (Mesembrynus) purpuralis (Brünnich,1763)** (Zygaenidae) **Synonym(s):** *purpuralis* Brünnich,1763; *pythia* Fabricius,1777; *scabiosae* Scheven,1777; *pilosellae* Esper,1780; *pluto* Ochsenheimer,1808; *pasiphae* Meigen,[1829]; *tatvanica* Reiss & Reiss,1973. **Range (in code):** ES FR Si IT IE GB BE LU DE CH AT PL CZ SK HU RO B-H HV MK Och Doj YU AL BG Slv GR TR AM Alg GG Smt Akh Tbl Cc DK LT RU Kc Teb Kis Pja Da Der At MD UA Cm BY KK KG Lps Ket CN Ui Ku T-S Na 04 05 06 08 13 14



16 23 25 29 30 31 34 36 38 42 44 46 58 61 62 65 69 71 72 75 76 06R 06Rb 06Rd 16A 29F 46F 46Fe 58N 61K 61Kb 65F 65Fg 72E 72Eh 72Ei 75F 75Fg 75Fg 76B 76C Bionomy: Larva on Thymus (Lamiaceae) (Naumann & Naumann, 1980,1985).

665. **Zygaena (s.str.) amanica Reiss,1935** (Zygaenidae) Synonym(s): *amanica* Reiss,1935 Range (in code): TR 31 46

666. **Zygaena (s.str.) filipendulae (Linnaeus,1758)** (Zygaenidae) Synonym(s): *filipendulae* Linnaeus,1758; *aries* Retzius,1783 Taxonomical Reference: Sphinx filipendulae Linnaeus,1758, Syst. Nat. (Edn.10) 1: 494. Range (in code): ES Mu FR Si IT IE GB BE NL LU DE CH AT PL CZ SK HU RO YU BG GR TR Cc GG Bjo GG Abk Sok AZ AM DK NO SE FI EE LV LT RU Kc Teb Nt MD UA Kiw BY IR Ak Ab LB Bei Bsa Aiz 01 05 06 08 10 11 13 14 16 18 22 24 25 28 29 30 31 34 36 37 42 43 44 49 50 53 58 60 61 62 65 66 69 70 75 76 78 05A 06R 06Rb 06Rd 10K 10Ka 13G 14I 14Ib 31M 36F 50G 61K 65F 65Fe 65N 65Nr6 65Nm 76C 76D 76Da 78D 78Da Bionomy: Larva on Spiraea, Filipendula (Rosaceae) (Linnaeus,1758).

667. **Zygaena (s.str.) graslini Lederer,1855** (Zygaenidae) Synonym(s): *graslini* Lederer,1855 Taxonomical Reference: Zygaena graslini Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 197, pl.2 figs. 3,4. Type: Beirut. Range (in code): LB Bsa Ctr Bei IL Pa Hf JO TR SY 27 31 33 46 63 70 27C 31A 31Aa 33P 63D 70C 70Cb Bionomy: Larva on Eryngium creticum, E. falcatum (Apiaceae) (Naumann et al.,1999).

668. **Zygaena (s.str.) ramburii Herrich-Schäffer,1861** (Zygaenidae) Synonym(s): *ramburii* Herrich-Schäffer,1861; *ramburi* Lederer,1861 Taxonomical Reference: Zygaena ramburii Herrich-Schäffer,1861, Neue Schmett. 3: 32, figs.161-162. Syntypes: [Türkei]: "Antiochia, Mersin". Range (in code): GR MK TR 31 33 31K 31Ka 31M

669. **Zygaena (s.str.) viciae ([Denis & Schiffermüller],1775)** (Zygaenidae) Synonym(s): *viciae* [Denis & Schiffermüller],1775; *meliloti* Esper,1789; *buglossi* Boisduval,1829 Taxonomical Reference: Sphinx viciae [Denis & Schiffermüller],1775, Ankündigung syst. Werkes Schmett. Wienergegend: 45. Type(s): Vienna district. Range (in code): ES FR Si IT GB BE LU DE CH AT PL CZ SK HU RO YU B-H MK AL BG GR TR IR Mz Gls Cc GG Abk Tbl Aba AZ AM DK NO SE FI EE LV LT RU Da Mah Bgo Kc Teb Nt Sb Ur MD UA BY MN U-B KG DsA UZ 05 06 08 13 18 24 25 28 31 33 38 42 46 49 58 60 71 76 76C Bionomy: Larva on Vicia, Lathyrus pratensis, Trifolium, Lotus corniculatus (Fabaceae) ([Denis & Schiffermüller],1775; et seq.).

## Synonymous List of the species other Pterygota in Hatay Province

This synonymous list is prepared for informational purposes only. Totally 1449 species of 151 families in 13 orders are given so far. The list is currently under preparation.

### Odonata

Following 7 families are represented by 33 species in the province: Aeshnidae, Calopterygidae, Coenagrionidae, Gomphidae, Lestidae, Libellulidae, Platynemidae.

670. **Aeshna isosceles (O.F.Müller,1764)** (Aeshnidae) Synonym(s): *isosceles* O.F.Müller,1764

671. **Aeshna mixta Latreille,1805** (Aeshnidae) Synonym(s): *mixta* Latreille,1805

672. **Anax immaculifrons Rambur,1842** (Aeshnidae) Synonym(s): *immaculifrons* Rambur,1842

673. **Anax parthenope (Selys,1839)** (Aeshnidae) Synonym(s): *parthenope* Selys,1839; *#parthenope* Demirsoy,1982

674. **Caliaeschna microstigma (Schneider,1845)** (Aeshnidae) Synonym(s): *microstigma* Schneider,1845

675. **Calopteryx hyalina Martin,1909** (Calopterygidae) Synonym(s): *hyalina* Martin,1909

676. **Calopteryx intermedia Selys,1887** (Calopterygidae) Synonym(s): *intermedia* Selys,1887

677. **Calopteryx mingrelica Selys,1869** (Calopterygidae) Synonym(s): *mingrelica* Selys,1869

678. **Calopteryx syriaca Gén  ,1842** (Calopterygidae) Synonym(s): *syriaca* Gén  ,1842; *pseudosyriaca* Buchholtz,1955

679. **Epallage fatime (Charpentier,1840)** (Calopterygidae) Synonym(s): *fatime* Charpentier,1840

- 680. Ceriagrion georgifreyi (Schmidt,1953)** (Coenagrionidae) Synonym(s): *georgifreyi Schmidt,1953*
- 681. Coenagrion syriacum (Morton,1924)** (Coenagrionidae) Synonym(s): *syriacum Morton,1924*
- 682. Ischnura elegans (Van Der Linden,1820)** (Coenagrionidae) Synonym(s): *elegans Van Der Linden,1820*
- 683. Pseudagrion syriacum (Selys,1887)** (Coenagrionidae) Synonym(s): *syriacum Selys,1887*
- 684. Pyrrhosoma nymphula (Sulzer,1776)** (Coenagrionidae) Synonym(s): *nymphula Sulzer,1776*
- 685. Gomphus davidi Selys,1887** (Gomphidae) Synonym(s): *davidi Selys,1887*
- 686. Gomphus flavipes (Charpentier,1825)** (Gomphidae) Synonym(s): *flavipes Charpentier,1825*
- 687. Gomphus schneideri Selys,1850** (Gomphidae) Synonym(s): *schneideri Selys,1850*
- 688. Onychogomphus flexuosus (Schneider,1845)** (Gomphidae) Synonym(s): *flexuosus Schneider,1845*
- 689. Onychogomphus lefebvrei (Rambur,1842)** (Gomphidae) Synonym(s): *lefebvrei Rambur,1842*
- 690. Onychogomphus macrodon (Selys,1887)** (Gomphidae) Synonym(s): *macrodon Selys,1887*
- 691. Paragomphus lineatus (Selys & Hagen,1850)** (Gomphidae) Synonym(s): *lineatus Selys & Hagen,1850*
- 692. Sympecma annulata (Selys,1887)** (Lestidae) Synonym(s): *paedisca Brauer,1882 nec Eversm.,1836; annulata Selys,1887; braueri Jacobson & Bianchi,1905*
- 693. Crocothemis erythraea (Brullé,1832)** (Libellulidae) Synonym(s): *victoria Fourcroy,1785; erythraea Brullé,1832; coccinea Charpentier,1840; lorti Kirby,1896*
- 694. Diplacodes lefebvrei (Rambur,1842)** (Libellulidae) Synonym(s): *lefebvrei Rambur,1842*
- 695. Libellula depressa Linnaeus,1758** (Libellulidae) Synonym(s): *depressa Linnaeus,1758*
- 696. Libellula pontica Selys,1887** (Libellulidae) Synonym(s): *pontica Selys,1887*
- 697. Orthetrum sabinum (Drury,1770)** (Libellulidae) Synonym(s): *sabina Drury,1770*
- 698. Sympetrum fonscolombii (Selys,1840)** (Libellulidae) Synonym(s): *fonscolombii Selys,1840*
- 699. Sympetrum meridionale (Selys,1841)** (Libellulidae) Synonym(s): *meridionale Selys,1841*
- 700. Trithemis annulata (Palisot de Beauvois,1807)** (Libellulidae) Synonym(s): *annulata Palisot de Beauvois,1807*
- 701. Trithemis arteriosa (Burmeister,1839)** (Libellulidae) Synonym(s): *arteriosa Burmeister,1839*
- 702. Platycnemis dealbata Selys,1863** (Platycnemidae) Synonym(s): *dealbata Selys,1863*

### Plecoptera

Only Nemouridae family is represented by a single species in the province.

- 703. Protonemura besucheti Zwick,1971** (Nemouridae) Synonym(s): *besucheti Zwick,1971*

### Dictyoptera

Only 4 families are represented by 5 species in the province.

- 704. Diploptera punctata (Eschscholz,1822)** (Blaberidae) Synonym(s): *punctata Eschscholz,1822; dytiscoides Audinet-Serville,1839; silpha Saussure,1864*
- 705. Blatta orientalis Linnaeus,1758** (Blattidae) Synonym(s): *orientalis Linnaeus,1758; lucifuga Poda,1761; secunda Schaeffer,1769; teria Schaeffer,1769; culinaris De Geer,1773; ferruginea Thunberg,1810; castanea Blanchard,1851; hemialata Gistel,1856; imperator Westwood,1858; pallipes Philippi,1863; badia Saussure,1863; platystetho Philippi,1863; gracilis Adelung,1903; spontanea Semenov,1909*
- 706. Loboptera decipiens (Germar,1817)** (Blattidae) Synonym(s): *decipiens Germar,1817; kusnezovi Adelung,1907; limbata Charpentier,1825; marginata Risso,1926*
- 707. Hemelythroblatta livida (Brunner von Wattenwyl,1865)** (Corydiidae) Synonym(s): *livida Brunner von Wattenwyl,1865*



- 708. Polyphaga aegyptiaca (Linnaeus,1758)** (Polyphagidae) Synonym(s): *aegyptiaca* Linnaeus,1758

### Phasmida

Only Diapheromeridae family is represented by a single species in the province.

- 709. Clonaria libanica (Uvarov,1924)** (Diapheromeridae) Synonym(s): *aegyptiacus* Pantel,1890 nec Gray,1835; *libanica* Uvarov,1924; *hebraica* Uvarov,1939; *turca* Karabağ,1955

### Mantodea

Three families are represented by 7 species in the province.

- 710. Empusa fasciata Brullé,1836** (Empusidae) Synonym(s): *fasciata* Brullé,1836  
**711. Iris oratoria (Linnaeus,1758)** (Irididae) Synonym(s): *oratoria* Linnaeus,1758; *dentata* Goeze,1778; *bella* Germar,1817; *minima* Charpentier,1825; *fenestrata* Brullé,1832  
**712. Eremiaphila dagi Doğanlar,2007** (Mantidae) Synonym(s): *dagi* Doğanlar,2007  
**713. Ameles syriensis Giglio-Tos,1915** (Mantidae) Synonym(s): *syriensis* Giglio-Tos,1915  
**714. Mantis religiosa (Linnaeus,1758)** (Mantidae) Synonym(s): *religiosa* Linnaeus,1758  
**715. Rivetina syriaca (Saussure,1869)** (Mantidae) Synonym(s): *syriaca* Saussure,1869; *festae* Giglio-Tos,1916  
**716. Sphodromantis viridis (Forskal,1775)** (Mantidae) Synonym(s): *viridis* Forskal,1775; *guttata* Thunberg,1815; *bimaculata* Burmeister,1838; *bioculata* Burmeister,1838; *vischeri* Werner,1933

### Dermaptera

Three families are represented by 9 species in the province.

- 717. Anechura bipunctata (Fabricius,1781)** (Forficulidae) Synonym(s): *bipunctata* Fabricius,1781; *asiatica* Semenov,1903; *fabricii* Fieber,1854  
**718. Forficula auricularia Linnaeus,1758** (Forficulidae) Synonym(s): *auricularia* Linnaeus,1758; *major* Degeer,1773; *dentata* Fabricius,1775; *parallela* Fabricius,1775; *media* Marsham,1802; *neglecta* Marsham,1802; *infumata* Megerle,1825; *forcipata* Stephens,1835; *borealis* Leach,1835; *silanoides* Karny,1911; *caucasica* Bei-Bienko,1926  
**719. Forficula lurida Fischer,1853** (Forficulidae) Synonym(s): *lurida* Fischer,1853; *orientalis* Burr,1900  
**720. Forficula smyrnensis Audinet-Serville,1839** (Forficulidae) Synonym(s): *smyrnensis* Audinet-Serville,1839  
**721. Guanchia brignolii Vigna Taglianti,1974** (Forficulidae) Synonym(s): *brignolii* Vigna Taglianti,1974  
**722. Anisolabis maritima (Géné,1832)** (Labiduridae) Synonym(s): *maritima* Géné,1832; *singularis* Shiraki,1905; *addita* Burr,1913; *quadrata* Liu,1946  
**723. Euborellia annulipes (Lucas,1837)** (Labiduridae) Synonym(s): *annulipes* Lucas,1837  
**724. Labidura riparia (Pallas,1773)** (Labiduridae) Synonym(s): *riparia* Pallas,1773; *mongolica* Rehn,1905  
**725. Labia minor (Linnaeus,1758)** (Spongiphoridae) Synonym(s): *minor* Linnaeus,1758

### Orthoptera

Following 9 families, Acrididae, Gryllidae, Gryllotalpidae, Pamphagidae, Pyrgomorphidae, Raphidophoridae, Tetrigidae, Tettigoniidae, Tridactylidae are represented by 119 species in the province.

- 726. Acrida anatolica Dirsh,1949** (Acrididae) Synonym(s): *anatolica* Dirsh,1949; *caucasica* Dirsh,1949; *#anatolcia* Weidner,1969

- 727. *Acrida bicolor* (Thunberg,1815)** (Acrididae) Synonym(s): *bicolor* Thunberg,1815; *pellucida* Klug,1830; *stalii* Bolivar,1893; *orientalis* Bolivar,1919; *deminula* Bolivar,1922; *tessellata* Sjöstedt,1931; *leopoldi* Sjöstedt,1934; *algeriana* Dirsh,1949; *bosphorica* Dirsh,1949; *lombardica* Dirsh,1949
- 728. *Acrotylus insubricus* (Scopoli,1786)** (Acrididae) Synonym(s): *insubricus* Scopoli,1786; *maculatum* Olivier,1791; *fasciatus* Fabricius,1793; *maderae* Audinet-Serville,1838; *inficitus* Walker,1870; *variegata* Walker,1870; *versicolor* Burr,1898; *biskrensis* Maran,1958
- 729. *Acrotylus patruelis* (Herrich-Schäffer,1838)** (Acrididae) Synonym(s): *patruelis* Herrich-Schäffer,1838
- 730. *Aiolopus simulatrix* (Walker,1870)** (Acrididae) Synonym(s): *simulatrix* Walker,1870; *savignyi* Krauss,1890; *affinis* Bolivar,1902; *laticosta* Bolivar,1912; *deserticola* Uvarov,1922
- 731. *Aiolopus strepens* (Latreille,[1802])** (Acrididae) Synonym(s): *strepens* Latreille,1804; *prasinus* Thunberg,1815; *vittatum* Brullé,1840; *chloroptera* Ramme,1913; *cyanoptera* Ramme,1913
- 732. *Aiolopus thalassinus* (Fabricius,1781)** (Acrididae) Synonym(s): *thalassinus* Fabricius,1781; *grossuni* Costa,1836; *laetum* Brullé,1840; *flavovirens* Fischer von Waldheim,1846; *angustifemur* Ghiliani,1869; *rufipes* Ivanov,1888; *kivuensis* Sjöstedt,1923; *acutus* Uvarov,1953
- 733. *Anacridium aegyptium* (Linnaeus,1764)** (Acrididae) Synonym(s): *aegyptium* Linnaeus,1764; *lineola* Fabricius,1781; *nubecula* Thunberg,1815; *campanum* Costa,1836; *tataricum* Burmeister,1838; *albidiferum* Walker,1870; *indecisum* Walker,1870; *stuardoi* Liebermann,1943
- 734. *Asphingoderus uvarovites* (Mishtshenko,1936)** (Acrididae) Synonym(s): *uvarovites* Mishtshenko,1936
- 735. *Calliptamus barbarus* (Costa,1836)** (Acrididae) Synonym(s): *barbarus* Costa,1836; *ictericus* Audinet-Serville,1838; *siculus* Burmeister,1838; *cephalotes* Fischer von Waldheim,1846; *discoidalis* Walker,1870; *minimus* Ivanov,1888; *deserticola* Vosseler,1902; *punctata* Kirby,1914; *montanus* Chopard,1937; *pallidipes* Chopard,1943; *monspeliensis* Grassé & Hollande,1945; *nanus* Mishchenko,1951; *parvus* Maran,1952; *salina* Maran,1954
- 736. *Calliptamus italicus* (Linnaeus,1758)** (Acrididae) Synonym(s): *italicus* Linnaeus,1758; *germanicus* Fabricius,1775; *affinis* Thunberg,1815; *fasciatum* Hahn,1836; *marginellis* Serville,1838; *cerisanus* Serville,1838; *marmoratus* Fischer von Waldheim,1846; *blandus* Ivanov,1888; *bilineata* Puschig,1910; *anachoretus* Baranov,1925; *gilvonigricans* Voroncovsky,1927; *grandis* Ramme,1927; *reductus* Ramme,1927; *afghanus* Ramme,1952
- 737. *Calliptamus tenuicercis* Tarbinsky,1930** (Acrididae) Synonym(s): *tenuicercis* Tarbinsky,1930; *aurantiacus* Ramme,1930; *iranicus* Ramme,1930; *persa* Uvarov,1938; *aurantipes* Ramme,1951; *syriacus* Ramme,1951; *#tenuicercis* Salman,1978
- 738. *Chorthippus* (s.str.) *parallelus* (Zetterstedt,1821)** (Acrididae) Synonym(s): *parallelus* Zetterstedt,1821; *pratorum* Fieber,1852; *explicatus* Selys-Longchamps,1862; *nigrolineatus* Ivanov,1888; *sylvestris* Puschig,1910; *montana* Chopard,1922; *caffra* Ramme,1923; *fuliginosus* Voroncovsky,1928; *prasinolateralis* Voroncovsky,1928; *prasinoperficies* Voroncovsky,1928; *prasinus* Voroncovsky,1928; *viridis* Voroncovsky,1928; *aemulus* Mishchenko,1951; *geriberti* Harz,1962; *caffra* Harz,1975
- 739. *Chorthippus* (Glyptobothrus) *brunneus* (Thunberg,1815)** (Acrididae) Synonym(s): *brunneus* Thunberg,1815; *bicolor* Charpentier,1825; *biguttula* Stephens,1835; *rhomboida* Stephens,1835; *varipes* Stephens,1835; *venusa* Stephens,1835; *vittata* Stephens,1835; *brunneri* Werner,1902
- 740. *Chorthippus* (Glyptobothrus) *helveseni* Mol, Çıplak & Şirin,2003** (Acrididae) Synonym(s): *helveseni* Mol, Çıplak & Şirin,2003
- 741. *Chorthippus* (Glyptobothrus) *macrocerus* (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *macrocerus* Fischer von Waldheim,1846
- 742. *Chorthippus* (Glyptobothrus) *mollis* (Charpentier,1825)** (Acrididae) Synonym(s): *mollis* Charpentier,1825
- 743. *Chorthippus* (s.str.) *albomarginatus* (De Geer,1773)** (Acrididae) Synonym(s): *albomarginatus* De Geer,1773; *elegans* Charpentier,1825; *tricarinata* Stephens,1835; *blandus* Fischer von Waldheim,1846; *hyalosuperficies* Voroncovsky,1928; *nigrofasciatus* Voroncovsky,1928; *porphyricus* Voroncovsky,1928
- 744. *Dasyhippus escalerae* (Bolivar,1899)** (Acrididae) Synonym(s): *escalerae* Bolivar,1899
- 745. *Dociostaurus* (Kazakia) *brevicollis* (Eversmann,1848)** (Acrididae) Synonym(s): *brevicollis* Eversmann,1848; *annulipes* Türk,1862; *#brevicollis* Salman,1978
- 746. *Dociostaurus* (Notostaurus) *anatolicus* Krauss,1896** (Acrididae) Synonym(s): *anatolicus* Krauss,1896; *castaneopicta* Krauss,1896; *castaneopictus* Jacobson,1905
- 747. *Dociostaurus* (Stauronotulus) *hauensteini* (Bolivar,1893)** (Acrididae) Synonym(s): *hauensteini* Bolivar,1893; *#hauensteini* Bolivar,1899; *caspicus* Ramme,1951
- 748. *Dociostaurus* (Kazakia) *genei* (Ocskay,1832)** (Acrididae) Synonym(s): *genei* Ocskay,1832; *crucigerus* Rambur,1838; *pygmaeum* Fischer,1853
- 749. *Dociostaurus* (s.str.) *maroccanus* (Thunberg,1815)** (Acrididae) Synonym(s): *maroccanus* Thunberg,1815; *cruciatus* Charpentier,1825; *vastator* Fischer von Waldheim,1833; *oceanica* Walker,1870; *degeneratus* Baranov,1925; *xanthocnema* Tarbinsky,1932; *pendulus* Steinmann,1965



- 750. Doclostaurus (s.str.) salmani Demirsoy, 1977** (Acrididae) Synonym(s): *salmani* Demirsoy, 1977; *salmani* Demirsoy, 1979
- 751. Duroniella fracta (Krauss, 1890)** (Acrididae) Synonym(s): *#fractus* Bolivar, 1878; *fracta* Krauss, 1890
- 752. Duroniella laticornis (Krauss, 1909)** (Acrididae) Synonym(s): *laticornis* Krauss, 1909
- 753. Eremippus simplex (Eversmann, 1859)** (Acrididae) Synonym(s): *simplex* Eversmann, 1859
- 754. Eyprepocnemis plorans (Charpentier, 1825)** (Acrididae) Synonym(s): *plorans* Charpentier, 1825; *reticulatus* Fischer von Waldheim, 1839; *tarsius* Fischer von Waldheim, 1846; *consobrina* Walker, 1870; *senegalensis* Bolivar, 1914; *pallida* Uvarov, 1921; *#polarans* Salman, 1978
- 755. Heliopteryx humeralis (Kuthy, 1907)** (Acrididae) Synonym(s): *humeralis* Kuthy, 1907; *satunini* Uvarov, 1914
- 756. Locusta migratoria (Linnaeus, 1758)** (Acrididae) Synonym(s): *migratoria* Linnaeus, 1758; *danica* Linnaeus, 1767; *australis* Saussure, 1884; *rossica* Uvarov & Zolotarevsky, 1929; *gallica* Remaudiere, 1947; *solitaria* Carthy, 1955
- 757. Mioscirtus wagneri (Kittary, 1849)** (Acrididae) Synonym(s): *wagneri* Kittary, 1849; *varentzowi* Zubovski, 1896; *nigritibialis* Zheng & Zhang, 2006
- 758. Morphacris fasciata (Thunberg, 1915)** (Acrididae) Synonym(s): *fasciata* Thunberg, 1915
- 759. Ochridia acuta (Bolivar, 1905)** (Acrididae) Synonym(s): *acuta* Bolivar, 1905
- 760. Ochridia pruinosa Brunner von Wattenwyl, 1882** (Acrididae) Synonym(s): *pruinosa* Brunner von Wattenwyl, 1882
- 761. Oedaleus decorus (Germar, 1825)** (Acrididae) Synonym(s): *decorus* Germar, 1825
- 762. Oedipoda aurea Uvarov, 1923** (Acrididae) Synonym(s): *aurea* Uvarov, 1923
- 763. Oedipoda caerulescens (Linnaeus, 1758)** (Acrididae) Synonym(s): *caerulescens* Linnaeus, 1758; *coeruleipenne* De Geer, 1773; *fasciata* Stal, 1873
- 764. Oedipoda miniata (Pallas, 1771)** (Acrididae) Synonym(s): *miniata* Pallas, 1771; *salinus* Gmelin, 1790; *gratiosa* Audinet-Serville, 1838; *perurbana* Steinmann, 1965
- 765. Pezotettix anatolica Uvarov, 1934** (Acrididae) Synonym(s): *platycerca* sensu Werner, 1901; *anatolica* Uvarov, 1934
- 766. Pezotettix platycerca Stal, 1876** (Acrididae) Synonym(s): *platycerca* Stal, 1876
- 767. Ramburiella (Palaeocesa) turcomana (Fischer von Waldheim, 1833)** (Acrididae) Synonym(s): *turcomana* Fischer von Waldheim, 1833; *formosus* Becker, 1864
- 768. Schistocerca gregaria (Forsk., 1775)** (Acrididae) Synonym(s): *gregaria* Forsk., 1775; *tartaricum* Latreille, 1804; *peregrina* Olivier, 1804; *rufescens* Thunberg, 1815
- 769. Scintharista notabilis (Walker, 1870)** (Acrididae) Synonym(s): *miniatum* Brullé, 1840 (*preocc.*); *notabilis* Walker, 1870; *brullei* Saussure, 1884
- 770. Sphenophyma rugulosa (Stal, 1876)** (Acrididae) Synonym(s): *rugulosa* Stal, 1876
- 771. Sphingonotus (Sphingoderus) carinatus (Saussure, 1888)** (Acrididae) Synonym(s): *carinatus* Saussure, 1888; *eshrewi* Ramme, 1951
- 772. Sphingonotus (s.str.) rubescens (Walker, 1870)** (Acrididae) Synonym(s): *rubescens* Walker, 1870
- 773. Tropidopola graeca Uvarov, 1926** (Acrididae) Synonym(s): *graeca* Uvarov, 1926
- 774. Truxalis nasuta (Linnaeus, 1758)** (Acrididae) Synonym(s): *nasuta* Linnaeus, 1758; *annulatus* Thunberg, 1815; *bilineatus* Thunberg, 1815; *nebulosus* Thunberg, 1815; *miniata* Klug, 1830; *obsoleta* Klug, 1830; *scalaris* Klug, 1830; *variabilis* Klug, 1830; *unguiculata* Rambur, 1839; *isabellina* Fischer-Waldheim, 1846; *klugii* Fieber, 1853
- 775. Truxalis robusta (Uvarov, 1916)** (Acrididae) Synonym(s): *robusta* Uvarov, 1916
- 776. Acheta domesticus (Linnaeus, 1758)** (Gryllidae) Synonym(s): *domestica* Linnaeus, 1758; *aegyptiacus* Haan, 1842; *transversalis* Walker, 1871; *melanocephalus* Zacher, 1917
- 777. Glandulosa kinzelbachi Harz, 1979** (Gryllidae) Synonym(s): *kinzelbachi* Harz, 1979
- 778. Gryllus (s.str.) bimaculatus (De Geer, 1773)** (Gryllidae) Synonym(s): *bimaculatus* De Geer, 1773; *capensis* Fabricius, 1775; *rubricollis* Stoll, 1813; *lugubris* Stal, 1855; *interruptus* Walker, 1869; *marginalis* Walker, 1869; *ater* Saussure, 1877
- 779. Melanogryllus desertus (Pallas, 1771)** (Gryllidae) Synonym(s): *desertus* Pallas, 1771; *melas* Charpentier, 1825; *tristis* Audinet-Serville, 1838; *agricola* Rambur, 1838; *alata* Ramme, 1921
- 780. Modicogryllus (Eumodicogryllus) burdigalensis (Latreille, 1804)** (Gryllidae) Synonym(s): *chinensis* Weber, 1801; *burdigalensis* Latreille, 1804; *#bordigalensis* Charpentier, 1825; *cerisyi* Audinet-Serville, 1838; *geminus* Audinet-Serville, 1838; *arvensis* Rambur, 1838; *cinereus* Costa, 1852; *marginatus* Eversmann, 1859; *minusculus* Walker, 1869; *pygmaeus* Walker, 1869; *eversmanni* Jakovlev, 1871; *ferdinandi* Bolivar, 1899; *hygrophilus* Krauss, 1902; *intermedia* Bolivar, 1927
- 781. Modicogryllus (s.str.) algirius (Saussure, 1877)** (Gryllidae) Synonym(s): *algirius* Saussure, 1877; *algericus* Brunner von Wattenwyl, 1882

- 782. *Modicogryllus (s.str.) frontalis* (Fieber,1844)** (Gryllidae) Synonym(s): *frontalis* Fieber,1844; *hemsdorffensis* Zeller,1856; *pubescens* Eversmann,1859; *caudatus* Singer,1869; *fasciatus* Walker,1871; *alata* Jacobson,1904; *turanicus* Bei-Bienko,1933
- 783. *Oecanthus pellucens* (Scopoli,1763)** (Gryllidae) Synonym(s): *pellucens* Scopoli,1763; *italicus* Fabricius,1781; *lutaria* Petagna,1792; *aquea* Fabricius,1798; *varia* Fischer von Waldheim,1846; *angustipennis* Fitch,1856
- 784. *Pteronemobius (s.str.) heydenii* (Fischer,1853)** (Gryllidae) Synonym(s): *heydenii* Fischer,1853; *lateralis* Costa,1855
- 785. *Stenonemobius (s.str.) gracilis* (Jakovleff,1871)** (Gryllidae) Synonym(s): *gracilis* Jakovleff,1871
- 786. *Trigonidium (s.str.) cicindeloides* Rambur,1839** (Gryllidae) Synonym(s): *cicindeloides* Rambur,1839
- 787. *Gryllotalpa gryllotalpa* (Linnaeus,1758)** (Gryllotalpidae) Synonym(s): *gryllotalpa* Linnaeus,1758; *talpa* Olivier,1791; *vulgaris* Latreille,1804
- 788. *Myrmecophilus (s.str.) ochraceus* Fischer von Waldheim,1853** (Myrmecophilidae) Synonym(s): *ochraceus* Fischer von Waldheim,1853
- 789. *Orchamus davisii* (Uvarov,1949)** (Pamphagidae) Synonym(s): *davisii* Uvarov,1949
- 790. *Orchamus yersini* (Brunner von Wattenwyl,1882)** (Pamphagidae) Synonym(s): *raulinii* Yersin,1860 nec Lucas,1854; *yersini* Brunner von Wattenwyl,1882
- 791. *Paranocaracris rubripes* (Fischer von Waldheim,1846)** (Pamphagidae) Synonym(s): *rubripes* Fischer von Waldheim,1846; *#rupripes* Salman,1978
- 792. *Paranocarodes straubei* (Fieber,1853)** (Pamphagidae) Synonym(s): *straubei* Fieber,1853
- 793. *Paranocarodes sulcatus* (Bolivar,1912)** (Pamphagidae) Synonym(s): *sulcatus* Bolivar,1912
- 794. *Prionosthenus (s.str.) gueleni* Karabağ,1956** (Pamphagidae) Synonym(s): *gueleni* Karabağ,1956
- 795. *Pyrgomorpha (s.str.) conica* (Olivier,1791)** (Pyrgomorphidae) Synonym(s): *conica* Olivier,1791; *grylloides* Latreille,1804; *linearis* Charpentier,1825; *rosea* Charpentier,1825; *rhodoptila* Herrich-Schäffer,1838; *discrepans* Fieber,1853; *mideltica* Werner,1931
- 796. *Pyrgomorpha guentheri* Burr,1899** (Pyrgomorphidae) Synonym(s): *guentheri* Burr,1899; *brevipennis* Bolivar,1904; *predtshenskii* Bei-Bienko,1951; *ozeki* Karabağ,1953; *turcica* Karabağ,1961; *#urfenensis* Demirsoy,1977; *#guentheri* Demirsoy,1977; *#predtshenskii* Demirsoy,1977
- 797. *Dolichopoda (s.str.) pusilla* Bolivar,1899** (Raphidophoridae) Synonym(s): *pusilla* Bolivar,1899
- 798. *Depressotetrix depressa* (Brisout,1848)** (Tetrigidae) Synonym(s): *depressa* Brisout,1848; *acuminata* Brisout,1850; *charpentieri* Fieber,1853; *elevata* Fieber,1853; *rudis* Walker,1971; *turcicus* Demirsoy,1977
- 799. *Paratettix meridionalis* (Rambur,1838)** (Tetrigidae) Synonym(s): *meridionalis* Rambur,1838; *brachyptera* Lucas & Brisout & Barneville,1849; *dorhni* Fieber,1853; *ophthalmicus* Fieber,1853; *weidneri* Karaman,1965
- 800. *Tetratetrix tenuicornis* (Sahlberg,1891)** (Tetrigidae) Synonym(s): *#nutans* Hagenbach,1822; *tenuicornis* Sahlberg,1891; *pisarskii* Bazyluk,1963; *antennata* Steinmann,1964; *australis* Bei-Bienko,1964
- 801. *Tetrix bolivari* (Saulcy,1901)** (Tetrigidae) Synonym(s): *bolivari* Saulcy,1901
- 802. *Tetrix subulata* (Linnaeus,1758)** (Tetrigidae) Synonym(s): *subulata* Linnaeus,1758; *bimaculatum* Herbst,1786; *quadrinaculatum* Thunberg,1815; *lunulatum* Thunberg,1815; *dorsale* Thunberg,1815; *crisatum* Thunberg,1815; *exclamationis* Saint-Fargeau & Serville,1825; *marginata* Saint-Fargeau & Serville,1825; *panzeri* Saint-Fargeau & Serville,1825; *granulatum* Kirby,1837; *sahlbergi* Saulcy,1893; *incurvatus* Hancock,1895; *luggeri* Hancock,1899; *morsei* Hancock,1899; *oculata* Karny,1908; *subulatum* Kirby,1910; *atrata* Voroncovski,1928; *flavolineata* Voroncovski,1928; *bielauskii* Bazyluk,1963; *austriaca* Schmidt & Devkota,1989
- 803. *Acrometopa syriaca* Brunner von Wattenwyl,1878** (Tettigoniidae) Synonym(s): *syriaca* Brunner von Wattenwyl,1878; *festae* Giglio-Tos,1893; *elsae* Werner,1937
- 804. *Anadrymadusa (s.str.) brevipennis* (Brunner von Wattenwyl,1882)** (Tettigoniidae) Synonym(s): *brevipennis* Brunner von Wattenwyl,1882
- 805. *Anadrymadusa (s.str.) recticauda* (Werner,1903)** (Tettigoniidae) Synonym(s): *recticauda* Werner,1903
- 806. *Anadrymadusa (s.str.) spinicercis* (Karabağ,1956)** (Tettigoniidae) Synonym(s): *spinicercis* Karabağ,1956
- 807. *Bucephaloptera bucephala* (Brunner von Wattenwyl,1882)** (Tettigoniidae) Synonym(s): *bucephala* Brunner von Wattenwyl,1882; *riveti* Berland & Chopard,1922; *jannonei* Ramme,1939
- 808. *Conocephalus (s.str.) kisi* Harz,1967** (Tettigoniidae) Synonym(s): *kisi* Harz,1967; *harzi* Willemse,1971



- 809. Conocephalus (Xiphidion) fuscus (Fabricius,1793)** (Tettigoniidae) Synonym(s): *fuscus* Fabricius,1793; *discolor* Thunberg,1815; *thoracicus* Fischer von Waldheim,1846; *concolor* Bolivar,1878; *ponticus* Nedelkov,1907; *turanicus* Semenov,1916; *dilatatus* Ramme,1951
- 810. Decticus albifrons (Fabricius,1793)** (Tettigoniidae) Synonym(s): *albifrons* Fabricius,1793; *aeolicus* Guarino,1935
- 811. Drymadusa limbata Brunner von Wattenwyl,1882** (Tettigoniidae) Synonym(s): *limbata* Brunner von Wattenwyl,1882
- 812. Eupholidoptera akdeniz Ünal & Naskrecki,2002** (Tettigoniidae) Synonym(s): *akdeniz* Ünal & Naskrecki,2002
- 813. Eupholidoptera annulipes (Brunner von Wattenwyl,1882)** (Tettigoniidae) Synonym(s): *annulipes* Brunner von Wattenwyl,1882
- 814. Eupholidoptera sevketi (Ramme,1933)** (Tettigoniidae) Synonym(s): *sevketi* Ramme,1933
- 815. Eupholidoptera wernerii Ramme,1951** (Tettigoniidae) Synonym(s): *wernerii* Ramme,1951
- 816. Festella rammei Çıplak,2000** (Tettigoniidae) Synonym(s): *rammei* Çıplak,2000
- 817. Homorocoryphus nitidulus (Scopoli,1786)** (Tettigoniidae) Synonym(s): *nitidulus* Scopoli,1786
- 818. Isophya amplipennis Brunner von Wattenwyl,1878** (Tettigoniidae) Synonym(s): *amplipennis* Brunner von Wattenwyl,1878
- 819. Isophya rodsjankoi Bolivar,1899** (Tettigoniidae) Synonym(s): *rodsjankoi* Bolivar,1899
- 820. Isophya savignyi Brunner von Wattenwyl,1878** (Tettigoniidae) Synonym(s): *savignyi* Brunner von Wattenwyl,1878; *festae* Griffini,1893
- 821. Isophya splendida Naskrecki & Ünal,1995** (Tettigoniidae) Synonym(s): *splendida* Naskrecki & Ünal,1995
- 822. Leptodusa expugnata (Uvarov,1917)** (Tettigoniidae) Synonym(s): *expugnata* Uvarov,1917
- 823. Leptodusa harzi (Karabağ,1975)** (Tettigoniidae) Synonym(s): *harzi* Karabağ,1975
- 824. Leptophyes karanae Naskrecki & Ünal,1995** (Tettigoniidae) Synonym(s): *karanae* Naskrecki & Ünal,1995
- 825. Parapholidoptera signata (Brunner von Wattenwyl,1861)** (Tettigoniidae) Synonym(s): *signata* Brunner von Wattenwyl,1861; *indistinctus* Bolivar,1899
- 826. Parapholidoptera syriaca (Ramme,1930)** (Tettigoniidae) Synonym(s): *syriaca* Ramme,1930
- 827. Pezodrymadusa konowi (Bolivar,1899)** (Tettigoniidae) Synonym(s): *konowi* Bolivar,1899
- 828. Phaneroptera (s.str.) nana Fieber,1853** (Tettigoniidae) Synonym(s): *nana* Fieber,1853; *quadripunctata* Brunner von Wattenwyl,1878
- 829. Platycleis (Incertana) incerta Brunner von Wattenwyl,1882** (Tettigoniidae) Synonym(s): *incerta* Brunner von Wattenwyl,1882
- 830. Platycleis (s.str.) escaleraei Bolivar,1899** (Tettigoniidae) Synonym(s): *escaleraei* Bolivar,1899; *iphigeniae* Adelung,1907; *iranica* Ramme,1929; *graeca* Harz,1966; *#escaleraia* Salman,1978
- 831. Platycleis (s.str.) intermedia (Audinet-Serville,[1839])** (Tettigoniidae) Synonym(s): *intermedia* Audinet-Serville,[1839]; *tesselatus* Fischer von Waldheim,1846; *krinicki* Fischer von Waldheim,1846; *transiens* Ramme,1951
- 832. Platycleis (Squamiana) sinuata Ramme,1951** (Tettigoniidae) Synonym(s): *sinuata* Ramme,1951
- 833. Poecilimon (s.str.) syriacus Brunner von Wattenwyl,1891** (Tettigoniidae) Synonym(s): *syriacus* Brunner von Wattenwyl,1891; *raggei* Karabağ,1975
- 834. Ruspolia nitidula (Scopoli,1786)** (Tettigoniidae) Synonym(s): *nitidula* Scopoli,1786; *tuberculata* Rossi,1790; *erythrosoma* St.Fargeau & Serville,1825; *mandibularis* Charpentier,1825; *ambiguus* Stal,1876; *macropterrus* Bolivar,1890; *minor* Bolivar,1890; *eurostratus* Jannone,1936
- 835. Saga beieri Kaltenbach,1967** (Tettigoniidae) Synonym(s): *lucasi* Ramme,1951 *nec* Sauss.,1888; *beieri* Kaltenbach,1967
- 836. Saga ephippigera Fischer von Waldheim,1846** (Tettigoniidae) Synonym(s): *ephippigera* Fischer von Waldheim,1846; *syriaca* Lucas,1864; *monstrosa* Krauss,1878; *uvarovi* Ramme,1951
- 837. Saga natoliae Audinet-Serville,1839** (Tettigoniidae) Synonym(s): *onos* Stoll,1787 *nec* Pall.,1772; *synophrys* Charpentier,1841; *natoliae* Audinet-Serville,1839; *brunneri* Saussure,1888
- 838. Saga ornata Burmeister,1838** (Tettigoniidae) Synonym(s): *ornata* Burmeister,1838; *lucasi* Saussure,1888; *savignyi* Saussure,1888; *gracilipes* Uvarov,1923
- 839. Scotodrymadusa syriaca (Pictet,1888)** (Tettigoniidae) Synonym(s): *syriaca* Pictet,1888; *anatolica* Werner,1901; *rammei* Uvarov,1929; *turcica* Ramme,1939; *kozana* Ramme,1951; *amani* Ramme,1951

- 840. *Tettigonia viridissima* (Linnaeus,1758)** (Tettigoniidae) Synonym(s): *viridissima* Linnaeus,1758; *cantatrix* De Geer,1773; *flava* Nedelkov,1907; *meridionalis* Shugurov,1912; *paoli* Capra,1936; *intermedia* Jannone,1937; *trinacriae* Jannone,1937
- 841. *Tylopsis lilifolia* (Fabricius,1793)** (Tettigoniidae) Synonym(s): *lilifolia* Fabricius,1793; *thymifolia* Petagna,1792; *gracilis* Germar,1817; *marginipunctata* Audinet-Serville,1838; *praeusta* Fischer von Waldheim,1846; *spinosus* Fischer von Waldheim,1846; *#lilifolia* Bolivar,1877
- 842. *Bruntridactylus irremipes* (Uvarov,1934)** (Tridactylidae) Synonym(s): *irremipes* Uvarov,1934
- 843. *Xya pfaendleri* (Harz,1970)** (Tridactylidae) Synonym(s): *pfaendleri* Harz,1970; *indisticta* Harz,1979; *musicus* Harz,1979
- 844. *Xya variegata* (Latreille,1809)** (Tridactylidae) Synonym(s): *variegata* Latreille,1809

## Homoptera

Following 12 families, Achilidae, Aphididae, Cercopidae, Cicadellidae, Cicadidae, Cixiidae, Delphacidae, Dictyopharidae, Flatidae, Issidae, Psyllidae, Tettigometridae are represented by 56 species in the province.

- 845. *Akotropis quercicola* Linnavuori,1962** (Achilidae) Synonym(s): *quercicola* Linnavuori,1962
- 846. *Aphis fabae* Scopoli,1763** (Aphididae) Synonym(s): *fabae* Scopoli,1763; *cirsiiacanthoidis* Scopoli,1763; *solanella* Theobald,1914; *mordvilko* Börner & Janich,1922
- 847. *Aphis illinoisensis* Shimer,1866** (Aphididae) Synonym(s): *illinoisensis* Shimer,1866
- 848. *Aphis spiraeicola* Patch,1914** (Aphididae) Synonym(s): *spiraeicola* Patch,1914
- 849. *Baizongia pistaciae* (Linnaeus,1767)** (Aphididae) Synonym(s): *pistaciae* Linnaeus,1767
- 850. *Cinara cedri* Mimeur,1936** (Aphididae) Synonym(s): *cedri* Mimeur,1936
- 851. *Dysaphis devector* (Walker,1849)** (Aphididae) Synonym(s): *devector* Walker,1849
- 852. *Hyperomyzus lactucae* (Linnaeus,1758)** (Aphididae) Synonym(s): *lactucae* Linnaeus,1758
- 853. *Pterochloroides persicae* (Cholodkovsky,1899)** (Aphididae) Synonym(s): *persicae* Cholodkovsky,1899
- 854. *Uroleucon* (s.str.) *cichorii* (Koch,1855)** (Aphididae) Synonym(s): *cichorii* Koch,1855
- 855. *Cercopis intermedia* Kirschbaum,1868** (Cercopidae) Synonym(s): *intermedia* Kirschbaum,1868; *obliterata* Kirschbaum,1868; *nigra* Royer,1906; *simulans* Peneau,1912; *turkestanica* Lindberg,1923
- 856. *Cercopis sanguinolenta* (Scopoli,1763)** (Cercopidae) Synonym(s): *sanguinolenta* Scopoli,1763; *mactata* Germar,1821; *panzeri* Peletier & Serville,1825; *distinguenda* Kirschbaum,1868; *basalis* Dominique,1892; *basalis* Melichar,1896 (praeocc.); *quadripunctata* Sabransky,1912; *reducta* Melichar,1913; *egestosa* Haupt,1917
- 857. *Mesoptylus impictifrons* (Horvath,1911)** (Cercopidae) Synonym(s): *impictifrons* Horvath,1911; *arcifer* Horvath,1911; *seminiger* Horvath,1911; *quinquemaculatus* Horvath,1911; *vestitus* Horvath,1911; *obscurus* Lindberg,1923
- 858. *Neophilaenus campestris* (Fallén,1805)** (Cercopidae) Synonym(s): *campestris* Fallén,1805; *parvula* Vismara,1877; *fasciatus* Ferrari,1882; *obsoletus* Ferrari,1882; *bimaculata* Rey,1894; *brunnifrons* Rey,1894
- 859. *Alebra albostriella* (Fallén,1826)** (Cicadellidae) Synonym(s): *albostriella* Fallén,1826; *elegantula* Zetterstedt,1828; *discicollis* Herrich-Schäffer,1834; *fasciata* Curtis,1837; *fulveola* Herrich-Schäffer,1838; *eximia* Hardy,1850; *fastuosa* Graff, Six & Snellen,1862; *viridis* Rey,1894; *flavocephala* Kupka,1899; *diluta* Ribaut,1936; *dufour* Ribaut,1936
- 860. *Anaceratagallia laevis* (Ribaut,1935)** (Cicadellidae) Synonym(s): *laevis* Ribaut,1935; *acuteangulata* Zachvatkin,1946
- 861. *Balclutha rosea* (Scott,1876)** (Cicadellidae) Synonym(s): *rosea* Scott,1876; *frontalis* Ferrari,1882; *flava* Haupt,1927; *pulchella* Lindberg,1948; *haupti* Metcalf,1955
- 862. *Chlorita brevispina* Linnavuori,1965** (Cicadellidae) Synonym(s): *brevispina* Linnavuori,1965
- 863. *Doratulina acuticeps* (Ribaut,1948)** (Cicadellidae) Synonym(s): *acuticeps* Ribaut,1948
- 864. *Doratulina instabilis* (Ribaut,1948)** (Cicadellidae) Synonym(s): *instabilis* Ribaut,1948
- 865. *Doratula homophyla* (Flor,1861)** (Cicadellidae) Synonym(s): *homophyla* Flor,1861
- 866. *Eupteryx gyaurdagicus* Dlabola,1957** (Cicadellidae) Synonym(s): *gyaurdagicus* Dlabola,1957
- 867. *Euscelidius mundus* (Haupt,1927)** (Cicadellidae) Synonym(s): *mundus* Haupt,1927; *orientalis* Dlabola,1957



- 868. Grammagephalus pugio (Noualhier,1895)** (Cicadellidae) Synonym(s): *pugio* Noualhier,1895; *turneri* Evans,1947; *djirofticus* Dlabola,1960
- 869. Grypotes staurus Ivanoff,1885** (Cicadellidae) Synonym(s): *staurus* Ivanoff,1885; *australis* Haupt,1927
- 870. Lindbergina tarsalis (Linnavuori,1962)** (Cicadellidae) Synonym(s): *tarsalis* Linnavuori,1962
- 871. Macrosteles quadripunctulatus (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *quadripunctulatus* Kirschbaum,1868; *ramigera* Zachvatkin,1933
- 872. Psammotettix cerinus (Lindberg,1948)** (Cicadellidae) Synonym(s): *cerinus* Lindberg,1948
- 873. Synophyropsis lauri (Horvath,1897)** (Cicadellidae) Synonym(s): *lauri* Horvath,1897; *wagneri* Haupt,1926
- 874. Thamnotettix (Loepotettix) exemtus Melichar,1896** (Cicadellidae) Synonym(s): *exemtus* Melichar,1896
- 875. Thamnotettix (s.str.) creticus Dlabola,1974** (Cicadellidae) Synonym(s): *creticus* Dlabola,1974
- 876. Thamnotettix (s.str.) klapperichi Dlabola,1965** (Cicadellidae) Synonym(s): *klapperichi* Dlabola,1965
- 877. Thamnotettix (s.str.) zelleri (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *zelleri* Kirschbaum,1868
- 878. Zyginella pulchra Loew,1885** (Cicadellidae) Synonym(s): *pulchra* Loew,1885; *quercus* Kusnezov,1930
- 879. Pagiphora annulata (Brullé,1832)** (Cicadidae) Synonym(s): *annulata* Brullé,1832
- 880. Pentastira major (Kirschbaum,1868)** (Cixiidae) Synonym(s): *major* Kirschbaum,1868; *opalinus* Fieber,1876; *interjectus* Linnavuori,1957; *atratus* Dlabola,1958
- 881. Pentastiridius leporinus (Linnaeus,1761)** (Cixiidae) Synonym(s): *leporinus* Linnaeus,1761; *pallidus* Herrich-Schäffer,1835
- 882. Reptalus (s.str.) melanochaetus (Fieber,1876)** (Cixiidae) Synonym(s): *melanochaetus* Fieber,1876; *fasciatus* Kusnezov,1928
- 883. Tachycixius creticus Dlabola,1974** (Cixiidae) Synonym(s): *creticus* Dlabola,1974
- 884. Iubsoda stigmatica (Melichar,1897)** (Delphacidae) Synonym(s): *stigmatica* Melichar,1897; *strigosa* Matsumura,1910; *duffelsi* Dlabola,1974
- 885. Sogatella vibix (Haupt,1927)** (Delphacidae) Synonym(s): *furcata* Matsumura,1910; *vibix* Haupt,1927; *matsumurana* Metcalf,1943; *longifurcifera* Esaki & Ishihara,1947; *panicicola* Ishihara,1949; *dogensis* Ishihara,1952; *catoptron* Fennah,1963; *parakolophon* Linnavuori,1973; *diachenhea* Kuoh,1977
- 886. Toya propinqua (Fieber,1866)** (Delphacidae) Synonym(s): *propinqua* Fieber,1866; *hamulata* Kirschbaum,1868
- 887. Callodictya krueperi (Fieber,1876)** (Dictyopharidae) Synonym(s): *krueperi* Fieber,1876
- 888. Phantia subquadrata (Herrich-Schäffer,1838)** (Flatidae) Synonym(s): *subquadrata* Herrich-Schäffer,1838
- 889. Agalmatium bilobum (Fieber,1877)** (Issidae) Synonym(s): *bilobum* Fieber,1877
- 890. Bubastia (Acrestia) ephialtes (Linnavuori,1971)** (Issidae) Synonym(s): *ephialtes* Linnavuori,1971
- 891. Bubastia (s.str.) suturale (Fieber,1877)** (Issidae) Synonym(s): *suturale* Fieber,1877
- 892. Issus lauri Ahrens,1814** (Issidae) Synonym(s): *lauri* Ahrens,1814; *climacus* Fieber,1876
- 893. Latilica maculipes (Melichar,1906)** (Issidae) Synonym(s): *maroccanum* Lethierry,1877; *maculipes* Melichar,1906; *oertzeni* Matsumura,1910
- 894. Mycterodus (s.str.) anaticeps Puton,1895** (Issidae) Synonym(s): *anaticeps* Puton,1895
- 895. Mycterodus (s.str.) bicornutus Dlabola,1986** (Issidae) Synonym(s): *bicornutus* Dlabola,1986
- 896. Mycterodus (s.str.) intricatus Stal,1861** (Issidae) Synonym(s): *intricatus* Stal,1861; *jaltaicus* Dlabola,1958
- 897. Tshurtshurnella acuta (Linnavuori,1965)** (Issidae) Synonym(s): *acuta* Linnavuori,1965
- 898. Tshurtshurnella trifasciata (Linnavuori,1965)** (Issidae) Synonym(s): *trifasciata* Linnavuori,1965
- 899. Livilla spectabilis (Flor,1861)** (Psyllidae) Synonym(s): *spectabilis* Flor,1861
- 900. Tettigometra (s.str.) virescens (Panzer,1799)** (Tettigometridae) Synonym(s): *virescens* Panzer,1799; *dorsalis* Latreille,1804

## Hemiptera

Following 18 families, Alydidae, Aradidae, Coreidae, Corixidae, Cydnidae, Gerridae, Lygaeidae, Hydrometridae, Miridae, Nabidae, Pentatomidae, Plataspidae, Reduviidae, Rhopalidae, Pyrrhocoridae, Scutelleridae, Stenocephalidae and Tingidae are represented by 259 species in the province.

- 901. *Camptopus lateralis* (Germar,1817)** (Alydidae) Synonym(s): *lateralis* Germar,1817; *annulatus* Brullé,1832; *geranii* Dufour,1833; *marginalis* Herrich-Schäffer,1835; *occipes* Herrich-Schäffer,1835; *brevipes* Herrich-Schäffer,1840; *undulatus* Westwood,1842; *obscurus* Reuter,1890
- 902. *Aradus versicolor* Herrich-Schäffer,1835** (Aradidae) Synonym(s): *versicolor* Herrich-Schäffer,1835; *diversicornis* Horvath,1878
- 903. *Aradus krueperi* Reitter,1884** (Aradidae) Synonym(s): *krueperi* Reitter,1884
- 904. *Aradus cilicicum* Heiss,1990** (Aradidae) Synonym(s): *cilicicum* Heiss,1990
- 905. *Arenocoris waltlii* (Herrich-Schäffer,1835)** (Coreidae) Synonym(s): *waltlii* Herrich-Schäffer,1835; *hispanus* Rambur,1839; *auriculatus* Fieber,1861
- 906. *Centrocoris spiniger* (Fabricius,1781)** (Coreidae) Synonym(s): *branderi* Linnaeus,1767; *spiniger* Fabricius,1781; *pallens* Kolenati,1845; *subinermis* Rey,1887; *bampurensis* Linnavuori,1968
- 907. *Ceraleptus gracilicornis* (Herrich-Schäffer,1835)** (Coreidae) Synonym(s): *gracilicornis* Herrich-Schäffer,1835
- 908. *Ceraleptus obtusus* (Brullé,1839)** (Coreidae) Synonym(s): *obtus* Brullé,1839; *aegyptius* Westwood,1842; *squalidus* Costa,1847; *distinguendus* Stein,1858; *leptocerus* Fieber,1861; *bellieri* Signoret,1862; *armeniacus* Horvath,1898
- 909. *Coreus marginatus* (Linnaeus,1758)** (Coreidae) Synonym(s): *marginatus* Linnaeus,1758; *auriculatus* De Geer,1773; *rostratus* Goeze,1778; *serratum* Thunberg,1825; *fundator* Herrich-Schäffer,1833; *longicornis* A.Costa,1842; *inermis* Kolenati,1845; *syriacus* Blöte,1935
- 910. *Coriomeris affinis* (Herrich-Schäffer,1839)** (Coreidae) Synonym(s): *affinis* Herrich-Schäffer,1839
- 911. *Coriomeris denticulatus* (Scopoli,1763)** (Coreidae) Synonym(s): *denticulatus* Scopoli,1763
- 912. *Coriomeris hirticornis* (Fabricius,1794)** (Coreidae) Synonym(s): *hirticornis* Fabricius,1794
- 913. *Enoplops disciger* (Kolenati,1845)** (Coreidae) Synonym(s): *disciger* Kolenati,1845
- 914. *Gonocerus acuteangulatus* (Goeze,1778)** (Coreidae) Synonym(s): *acuteangulatus* Goeze,1778
- 915. *Gonocerus juniperi* (Herrich-Schäffer,1839)** (Coreidae) Synonym(s): *juniperi* Herrich-Schäffer,1839
- 916. *Strobilotoma typhaecornis* (Fabricius,1803)** (Coreidae) Synonym(s): *typhaecornis* Fabricius,1803; *clavicornis* Fabricius,1803; *genei* Spinola,1837; *obscurus* Herrich-Schäffer,1840; *divergens* Reuter,1900
- 917. *Syromastus rhombeus* (Linnaeus,1767)** (Coreidae) Synonym(s): *rhombeus* Linnaeus,1767; *quadratus* Fabricius,1775; *sinuata* Fieber,1861; *fusca* Vidal,1936
- 918. *Sigara albiventris* (Horvath,1911)** (Corixidae) Synonym(s): *albiventris* Horvath,1911
- 919. *Sehirus delangrangei* Puton,1888** (Cydnidae) Synonym(s): *delangrangei* Puton,1888
- 920. *Sehirus dissimilis* Horvath,1919** (Cydnidae) Synonym(s): *dissimilis* Horvath,1919
- 921. *Gerris* (s.str.) *lacustris* (Linnaeus,1758)** (Gerridae) Synonym(s): *lacustris* Linnaeus,1758
- 922. *Gerris maculatus* Tamanini,1946** (Gerridae) Synonym(s): *maculatus* Tamanini,1946
- 923. *Gerris* (s.str.) *thoracicus* Schummel,1832** (Gerridae) Synonym(s): *thoracicus* Schummel,1832
- 924. *Acompus rufipes* (Wolff,1804)** (Lygaeidae) Synonym(s): *rufipes* Wolff,1804
- 925. *Aellopus atratus* (Goeze,1778)** (Lygaeidae) Synonym(s): *atratus* Goeze,1778; *atramentarius* Geoffroy,1785; *carbonarius* Rossi,1790; *aterrimus* Fabricius,1798; *echii* Panzer,1799; *ater* Thunberg,1822; *nitidus* Kolenati,1857; *opacipennis* Reutter,1885
- 926. *Aoploscelis bivirgatus* (Costa,1852)** (Lygaeidae) Synonym(s): *bivirgatus* Costa,1852
- 927. *Apterola* (s.str.) *kuenckeli* Mulsant & Rey,1866** (Lygaeidae) Synonym(s): *kuenckeli* Mulsant & Rey,1866; *pedestris* Stal,1866
- 928. *Arocatus longiceps* Stal,1872** (Lygaeidae) Synonym(s): *longiceps* Stal,1872; *grassii* Picco,1920; *fuscipes* Picco,1920; *nigrirostris* Picco,1920; *sanguineus* Picco,1920; *thoracicus* Picco,1920
- 929. *Beosus maritimus* (Scopoli,1763)** (Lygaeidae) Synonym(s): *maritimus* Scopoli,1763; *luscus* Fabricius,1794; *sphragadimium* Fieber,1861; *luscinus* Walker,1872; *buyssoni* Montandon,1889
- 930. *Brachyplax tenuis* (Mulsant & Rey,1852)** (Lygaeidae) Synonym(s): *tenuis* Mulsant & Rey,1852; *palliat* A.Costa,1853



931. **Caenocoris nerii (Germar,1847)** (Lygaeidae) Synonym(s): *nerii* Germar,1817; *semiruber* Walker,1872
932. **Cymophyes ochroleuca Fieber,1870** (Lygaeidae) Synonym(s): *ochroleuca* Fieber,1870; *#ochrolenca* Önder et al.,2006
933. **Cymus claviculus (Fallén,1807)** (Lygaeidae) Synonym(s): *claviculus* Fallén,1807
934. **Cymus glandicolor Hahn,1832** (Lygaeidae) Synonym(s): *glandicolor* Hahn,1832
935. **Cymus melanocephalus Fieber,1861** (Lygaeidae) Synonym(s): *melanocephalus* Fieber,1861
936. **Drymus brunneus (Sahlberg,1848)** (Lygaeidae) Synonym(s): *brunneus* Sahlberg,1848
937. **Emblethis denticollis Hovarth,1878** (Lygaeidae) Synonym(s): *denticollis* Hovarth,1878
938. **Emblethis griseus (Wolff,1802)** (Lygaeidae) Synonym(s): *griseus* Wolff,1802
939. **Geocoris chloroticus Puton,1888** (Lygaeidae) Synonym(s): *chloroticus* Puton,1888
940. **Geocoris luridus (Fieber,1844)** (Lygaeidae) Synonym(s): *luridus* Fieber,1844
941. **Geocoris megacephalus (Rossi,1790)** (Lygaeidae) Synonym(s): *megacephalus* Rossi,1790
942. **Heterogaster artemisiae Schilling,1829** (Lygaeidae) Synonym(s): *artemisiae* Schilling,1829
943. **Heterogaster cathariae (Geoffroy,1785)** (Lygaeidae) Synonym(s): *cathariae* Geoffroy,1785
944. **Horvathiolus superbus (Pollach,1781)** (Lygaeidae) Synonym(s): *superbus* Pollach,1781; *punctatoguttatus* Fabricius,1781; *discolor* Gmelin,1790; *schummelii* Schilling,1829; *melanogaster* Horvath,1899; *confluens* Horvath,1916; *sanctus* Horvath,1916; *kolenatii* Horvath,1916; *erythropus* Horvath,1916; *conjunctus* Mancini,1952; *beieri* E.Wagner,1956; *romana* Stichel,1957
945. **Ischnodemus sabuleti (Fallén,1826)** (Lygaeidae) Synonym(s): *sabuleti* Fallén,1826
946. **Ischnopeza pallipes Puton,1892** (Lygaeidae) Synonym(s): *pallipes* Puton,1892
947. **Lasiocoris crassicornis (Lucas,1849)** (Lygaeidae) Synonym(s): *crassicornis* Lucas,1849; *antennatus* Montandon,1889
948. **Lethaeus cribratissimus (Stal,1858)** (Lygaeidae) Synonym(s): *cribratissimus* Stal,1858
949. **Lethaeus nitidus (Douglas & Scott,1868)** (Lygaeidae) Synonym(s): *nitidus* Douglas & Scott,1868
950. **Lethaeus picipes (Herrich-Schäffer,1853)** (Lygaeidae) Synonym(s): *picipes* Herrich-Schäffer,1853
951. **Lygaeosoma anaticum Seidenstücker,1960** (Lygaeidae) Synonym(s): *anaticum* Seidenstücker,1960
952. **Lygaeosoma sardeum Spinola,1837** (Lygaeidae) Synonym(s): *sardeum* Spinola,1837; *reticulatum* Herrich-Schäffer,1838; *variabilis* Rambur,1839; *numidicum* Puton,1887; *hungarica* Stichel,1957
953. **Lygaeus creticus (Lucas,1854)** (Lygaeidae) Synonym(s): *creticus* Lucas,1854; *bisbipunctatus* A.Costa,1864; *sexmaculatus* Garbiglietti,1869
954. **Megalonotus brevicornis (Puton,1883)** (Lygaeidae) Synonym(s): *brevicornis* Puton,1883
955. **Megalonotus colon Puton,1874** (Lygaeidae) Synonym(s): *colon* Puton,1874
956. **Megalonotus longipilis (Puton,1884)** (Lygaeidae) Synonym(s): *longipilis* Puton,1884
957. **Megalonotus maximus (Puton,1895)** (Lygaeidae) Synonym(s): *maximus* Puton,1895
958. **Megalonotus praetextatus (Herrich-Schäffer,1835)** (Lygaeidae) Synonym(s): *praetextatus* Herrich-Schäffer,1835; *maculipennis* Curtis,1835; *femoralis* Boheman,1851; *obscuratus* Noualhier,1893
959. **Megalonotus setosus Puton,1874** (Lygaeidae) Synonym(s): *setosus* Puton,1874
960. **Melanocoryphus tristrami (Douglas & Scott,1858)** (Lygaeidae) Synonym(s): *tristrami* Douglas & Scott,1858
961. **Neurocladus brachiidens (Dufour,1851)** (Lygaeidae) Synonym(s): *brachiidens* Dufour,1851
962. **Oxycarenus (Euoxycarenus) pallens (Herrich-Schäffer,1850)** (Lygaeidae) Synonym(s): *pallens* Herrich-Schäffer,1850
963. **Pezocoris apicimacula (Costa,1852)** (Lygaeidae) Synonym(s): *apicimacula* Costa,1852; *villosus* Jakovlev,1875
964. **Raglius alboacuminatus (Goeze,1778)** (Lygaeidae) Synonym(s): *alboacuminatus* Goeze,1778; *caffer* Thunberg,1784; *apicaris* Geoffroy,1785; *cinereus* Gmelin,1790; *bardanae* Preyssler,1791; *pedestris* Panzer,1797; *insignis* Boheman,1852; *mundulus* Dohrn,1860; *concinulus* Walker,1872; *funerea* Puton,1878; *flavatus* Horvath,1882; *bicolor* Horvath,1911
965. **Raglius confusus (Reuter,1886)** (Lygaeidae) Synonym(s): *confusus* Reuter,1886; *nigripes* Puton,1886
966. **Rhyparochromus consors (Horvath,1878)** (Lygaeidae) Synonym(s): *consors* Horvath,1878
967. **Rhyparochromus phoeniceus (Rossi,1794)** (Lygaeidae) Synonym(s): *phoeniceus* Rossi,1794; *autrani* Horvath,1897

- 968. Rhyparochromus vulgaris (Schilling,1829)** (Lygaeidae) Synonym(s): *vulgaris* Schilling,1829; *homoeopus* Horvath,1899
- 969. Spilostethus pandurus (Scopoli,1763)** (Lygaeidae) Synonym(s): *pandurus* Scopoli,1763; *militaris* Fabricius,1775; *civilis* Fabricius,1787; *surinamensis* Wolff,1802; *elegans* Wolff,1802; *lagenifer* Dufour,1833; *asiaticus* Kolenati,1845; *tetricus* Horvath,1909
- 970. Trapezonotus dispar (Stal,1872)** (Lygaeidae) Synonym(s): *dispar* Stal,1872; *breviceps* Jakovlev,1882; *seductor* Horvath,1883
- 971. Xanthochilus saturnius (Rossi,1790)** (Lygaeidae) Synonym(s): *saturnius* Rossi,1790; *rhombeus* Fieber,1837; *rhombimacula* A.Costa,1843
- 972. Hydrometra stagnorum (Linnaeus,1758)** (Hydrometridae) Synonym(s): *stagnorum* Linnaeus,1758
- 973. Acrorrhinium conspersum Noualhier,1895** (Miridae) Synonym(s): *conspersum* Noualhier,1895
- 974. Adelphocoris lineolatus (Goeze,1778)** (Miridae) Synonym(s): *lineolatus* Goeze,1778; *albinus* Geoffroy,1785; *chenopodii* Fallén,1807; *brevicollis* Meyer-Dür,1843; *implagiatus* Westhoff,1881; *bisbipunctatus* Reuter,1891; *baltrumensis* Schumacher,1911
- 975. Atractotomus kolenatii (Flor,1860)** (Miridae) Synonym(s): *kolenatii* Flor,1860; *debilicornis* Reuter,1875
- 976. Brachycoleus bolivari Horvath,1901** (Miridae) Synonym(s): *bolivari* Horvath,1901
- 977. Brachycoleus decolor Reuter,1887** (Miridae) Synonym(s): *scriptus* Fabricius,1803 *nec* Fabr.,1794; *decolor* Reuter,1887; *bipunctatus* Stichel,1930; *flavus* Stichel,1930; *marginatus* Stichel,1930; *ornatus* Stichel,1957
- 978. Brachycoleus thoracicus Puton,1892** (Miridae) Synonym(s): *thoracicus* Puton,1892; *nigricans* Puton,1898; *coccineus* Horvath,1901; *coccineus* Hoberlandt,1956
- 979. Calocoris nemoralis (Fabricius,1787)** (Miridae) Synonym(s): *sempunctatus* Fabricius,1787 *nec* Linn.,1758; *nemoralis* Fabricius,1787; *piceus* Cyrillo,1787; *hispanicus* Gmelin,1790; *ruficollis* Fabricius,1794; *carcelii* Lefebvre,1825; *coccineus* Dufour,1833; *nankineus* Dufour,1833; *aterrimus* Garbiglietti,1869; *zelleri* Scott,1876; *thoracicus* Puton,1884; *punicus* Ferrari,1884; *cuneatus* Puton,1887; *bimaculatus* Reuter,1894; *confluens* Reuter,1896; *hexastigma* Reuter,1896; *limbatus* Reuter,1896; *pallidus* Reuter,1896; *quadripunctatus* Reuter,1902; *rufipes* Reuter,1902; *bisignatus* Reuter,1904; *connectens* Reuter,1905; *rufifemur* Horvath,1911; *griseus* Vidal,1937; *erythrocephalus* Mancini,1952; *oculatus* Stichel,1957
- 980. Calocoris roseomaculatus (DeGeer,1773)** (Miridae) Synonym(s): *roseomaculatus* DeGeer,1773; *bistriatus* Goeze,1778; *cruentatus* Geoffroy,1785; *digrammus* Gmelin,1790; *sauciatius* Gmelin,1790; *ferrugatus* Fabricius,1794; *rosatus* Schrank,1796; *succinctus* Turton,1802; *angularis* Fieber,1864; *lutescens* Fieber,1864; *virescens* Fieber,1864; *biplagiatus* Reuter,1877; *melanocephalus* Reuter,1877; *decolor* Reuter,1902; *fuscusignatus* Stichel,1930; *nigroinductus* Stichel,1930; *supervacuum* Stichel,1930; *saucius* Linnavuori,1951; *cumulatus* Stichel,1957
- 981. Camponotidea fieberi Reuter,1879** (Miridae) Synonym(s): *fieberi* Reuter,1879; *putoni* Reuter,1904; *simulans* Horvath,1918
- 982. Camponotidea saundersi (Puton,1874)** (Miridae) Synonym(s): *saundersi* Puton,1874
- 983. Campylomma lindbergi Hoberlandt,1952** (Miridae) Synonym(s): *lindbergi* Hoberlandt,1952
- 984. Campylomma verbasci (Meyer-Dür,1843)** (Miridae) Synonym(s): *verbasci* Meyer-Dür,1843; *pellucida* Garbiglietti,1869; *nicolasi* Puton & Reuter,1883; *zizyphi* Puton & Reuter,1886; *novaki* E.Wagner,1952; *#nicolosi* Önder et al.,2006
- 985. Campylomma viticis Lindberg,1948** (Miridae) Synonym(s): *viticis* Lindberg,1948
- 986. Capsodes (Horistus) infuscatus (Brullé,1832)** (Miridae) Synonym(s): *infuscatus* Brullé,1832; *rufipennis* Reuter,1896; *cinnamomea* Stichel,1958
- 987. Charagochilus gyllenhalii (Fallén,1807)** (Miridae) Synonym(s): *gyllenhalii* Fallén,1807
- 988. Closterotomus annulus (Brullé,1832)** (Miridae) Synonym(s): *annulus* Brullé,1832; *collaris* Fieber,1870; *fuliginosus* Reuter,1877; *fuscescens* Reuter,1877; *nebulosus* E.Wagner,1974
- 989. Closterotomus krueperi (Reuter,1880)** (Miridae) Synonym(s): *krueperi* Reuter,1880
- 990. Closterotomus norvegicus (Gmelin,1790)** (Miridae) Synonym(s): *bipunctatus* Fabricius,1779 *nec* Linn.; *norvegicus* Gmelin,1790; *biguttatus* Schrank,1801; *contiguus* Walker,1873; *stramineus* Walker,1873; *vittiger* Reuter,1896; *atava* Reuter,1896; *picticollis* Horvath,1909
- 991. Closterotomus putoni (Horvath,1888)** (Miridae) Synonym(s): *putoni* Horvath,1888
- 992. Cyphodema instabilis (Lucas,1849)** (Miridae) Synonym(s): *instabilis* Lucas,1849; *tritaenia* A.Costa,1853; *meyerduri* Fieber,1858; *exigua* Stichel,1958; *maculata* Stichel,1958; *nigrita* Stichel,1958; *obratra* Stichel,1958; *simplex* Stichel,1958; *simplicata* Stichel,1958; *variegata* Stichel,1958
- 993. Deraeocoris delangrangei (Puton,1892)** (Miridae) Synonym(s): *delangrangei* Puton,1892
- 994. Deraeocoris pallens (Reuter,1904)** (Miridae) Synonym(s): *pallens* Reuter,1904
- 995. Deraeocoris punctulatus (Fallén,1807)** (Miridae) Synonym(s): *punctulatus* Fallén,1807; *falleni* Hahn,1834; *poppiusi* Reuter,1906; *pulchellus* Reuter,1906; *pallidulus* Stichel,1930



- 996. *Deraeocoris rutilus* (Herrich-Schäffer,1838)** (Miridae) Synonym(s): *rutilus* Herrich-Schäffer,1838; *bellicosus* Horvath,1885; *quadrimaculatus* Jakovlev,1889; *fasciatus* Reuter,1904
- 997. *Deraeocoris serenus* Douglas & Scott,1868** (Miridae) Synonym(s): *serenus* Douglas & Scott,1868; *desertus* Becker,1864; *beckeri* Reuter,1900; *extensus* Stichel,1930; *hoberlandti* Stehlik,1948; *nigriceps* E.Wagner,1950
- 998. *Dicyphus digitalidis* (Josifov,1958)** (Miridae) Synonym(s): *digitalidis* Josifov,1958
- 999. *Dicyphus errans* (Wolff,1804)** (Miridae) Synonym(s): *errans* Wolff,1804; *collaris* Fallén,1807; *longicollis* Fallén,1829
- 1000. *Dicyphus seleucus* Seidenstücker,1969** (Miridae) Synonym(s): *seleucus* Seidenstücker,1969
- 1001. *Dryophilocoris persimilis* (Puton,1895)** (Miridae) Synonym(s): *persimilis* Puton,1895
- 1002. *Globiceps syriacus* Wagner,1969** (Miridae) Synonym(s): *horvathi* Wagner,1960 nec Reut.; *syriacus* Wagner,1969; *brevicornis* Linnavuori,1992
- 1003. *Grypocoris amoenus* (Douglas & Scott,1868)** (Miridae) Synonym(s): *moenus* Douglas & Scott,1868; *elegans* Reuter,1877
- 1004. *Grypocoris fieberi* Douglas & Scott,1868** (Miridae) Synonym(s): *fieberi* Douglas & Scott,1868; *blandus* Puton,1881
- 1005. *Grypocoris syriacus* Reuter,1896** (Miridae) Synonym(s): *syriacus* Reuter,1896
- 1006. *Lepidargyrus pollinosus* (Horvath,1906)** (Miridae) Synonym(s): *pollinosus* Horvath,1906; *vesicatus* E.Wagner,1956
- 1007. *Lepidargyrus seidenstueckeri* (E.Wagner,1956)** (Miridae) Synonym(s): *seidenstueckeri* E.Wagner,1956
- 1008. *Liocoris tripustulatus* (Fabricius,1781)** (Miridae) Synonym(s): *tripustulatus* Fabricius,1781
- 1009. *Lygus pratensis* (Linnaeus,1758)** (Miridae) Synonym(s): *pratensis* Linnaeus,1758; *umbellatarum* Scopoli,1763; *rubecula* Goeze,1778; *viridulus* Panzer,1804; *alpinus* Kolenati,1845
- 1010. *Macrolophus caliginosus* E.Wagner,1950** (Miridae) Synonym(s): *caliginosus* E.Wagner,1950
- 1011. *Macrolophus costalis* Fieber,1858** (Miridae) Synonym(s): *costalis* Fieber,1858; *rubi* Woodroffe,1956
- 1012. *Macrolophus glaucescens* Fieber,1858** (Miridae) Synonym(s): *glaucescens* Fieber,1858
- 1013. *Macrolophus pygmaeus* (Rambur,1839)** (Miridae) Synonym(s): *nubilus* Herrich-Schäffer,1835 nec *nubilus* Say,1832; *pygmaeus* Rambur,1839; *brevicornis* E.Wagner,1957; *balcanicus* E.Wagner,1959; *geranii* Josifov,1961; *insignis* Josifov,1968
- 1014. *Macrotylus atricapillus* (Scott,1872)** (Miridae) Synonym(s): *atricapillus* Scott,1872
- 1015. *Macrotylus interpositus* Wagner,1951** (Miridae) Synonym(s): *interpositus* Wagner,1951
- 1016. *Macrotylus nasutus* Wagner,1959** (Miridae) Synonym(s): *nasutus* Wagner,1959
- 1017. *Macrotylus paykullii* (Fallén,1807)** (Miridae) Synonym(s): *paykullii* Fallén,1807
- 1018. *Macrotylus perdictus* Kritshenko,1938** (Miridae) Synonym(s): *perdictus* Kritshenko,1938; *echinopsis* Lindberg,1948
- 1019. *Mimocoris coarctatus* (Mulsant & Rey,1852)** (Miridae) Synonym(s): *coarctatus* Mulsant & Rey,1852; *angusticollis* E.Wagner,1948
- 1020. *Oncotylus anatolicus* E.Wagner,1969** (Miridae) Synonym(s): *anatolicus* E.Wagner,1969
- 1021. *Oncotylus basicornis* Horvath,1901** (Miridae) Synonym(s): *basicornis* Horvath,1901
- 1022. *Oncotylus viridiflavus* (Goeze,1778)** (Miridae) Synonym(s): *viridiflavus* Goeze,1778; *nigropunctatus* Geoffroy,1785; *chloris* Gmelin,1790; *tanaceti* Schrank,1801; *trisignatus* Assmann,1854; *longipes* E.Wagner,1954
- 1023. *Orthocephalus proserpinae* (Mulsant & Rey,1852)** (Miridae) Synonym(s): *proserpinae* Mulsant & Rey,1852; *coracinus* Puton,1874
- 1024. *Orthocephalus saltator* (Hahn,1835)** (Miridae) Synonym(s): *saltator* Hahn,1835; *hirtus* Curtis,1838 nec Müll.,1776; *major* Costa,1853; *infuscatus* Garbighietti,1869; *ferrarii* Reuter,1891; *parvulus* Reuter,1891
- 1025. *Orthops campestris* (Linnaeus,1758)** (Miridae) Synonym(s): *campestris* Linnaeus,1758; *transversalis* Fabricius,1787; *pastinacae* Fallén,1807; *lucidus* Kirschbaum,1856; *algiricus* Reuter,1896; *viridipallens* Stichel,1930; *prasinus* Stichel,1930; *herbaceus* Stichel,1958; *imperfectus* Stichel,1958; *stillatus* Stichel,1958
- 1026. *Orthops kalmii* (Linnaeus,1758)** (Miridae) Synonym(s): *kalmii* Linnaeus,1758; *varius* Fabricius,1787; *daldorfii* Gmelin,1790; *gramineus* Fabricius,1798; *ribis* Schrank,1801; *singularis* Fallén,1829; *pellucidus* Fieber,1858; *fieberi* Westhoff,1881; *luridus* Westhoff,1881; *piceus* Reuter,1894; *orientalis* Reuter,1896; *westhoffi* Stichel,1930; *tenuis* Stichel,1958; *triplex* Stichel,1958; *quadrimaculatus* Stichel,1958; *nigrovarius* Stichel,1958; *conspicuus* Stichel,1958; *bipartitus* Stichel,1958
- 1027. *Orthotylus cupressi* Reuter,1883** (Miridae) Synonym(s): *cupressi* Reuter,1883

- 1028. Orthotylus flavosparsus (Sahlberg,1841)** (Miridae) Synonym(s): *flavosparsus* Sahlberg,1841; *viridipennis* Dahlbom,1851; *pulchellus* Reuter,1874; *viridipunctatus* Reuter,1899; *guttula* Matsumura,1917; *parallelus* Lindberg,1934; *deflavus* Stichel,1957; *bicolor* Carvalho & Carpintero,1986
- 1029. Orthotylus viridinervis (Kirschbaum,1856)** (Miridae) Synonym(s): *viridinervis* Kirschbaum,1856
- 1030. Phytocoris crux E.Wagner,1959** (Miridae) Synonym(s): *crux* E.Wagner,1959
- 1031. Phytocoris loralis E.Wagner,1976** (Miridae) Synonym(s): *loralis* E.Wagner,1976
- 1032. Phytocoris phrygicus E.Wagner,1955** (Miridae) Synonym(s): *phrygicus* E.Wagner,1955
- 1033. Phytocoris pinihalepensis Lindberg,1948** (Miridae) Synonym(s): *pinihalepensis* Lindberg,1948
- 1034. Phytocoris seidenstueckeri E.Wagner,1955** (Miridae) Synonym(s): *seidenstueckeri* E.Wagner,1955
- 1035. Phytocoris setiger Reuter,1896** (Miridae) Synonym(s): *setiger* Reuter,1896
- 1036. Plagiognathus chrysanthemi (Wolff,1804)** (Miridae) Synonym(s): *chrysanthemi* Wolff,1804
- 1037. Plagiognathus fulvipennis (Kirschbaum,1856)** (Miridae) Synonym(s): *fulvipennis* Kirschbaum,1856
- 1038. Plagiognathus raphani Wagner,1963** (Miridae) Synonym(s): *raphani* Wagner,1963
- 1039. Polymerus asperulae (Fieber,1861)** (Miridae) Synonym(s): *asperulae* Fieber,1861; *nigrocallosus* Stichel,1958; *pervulgatus* Stichel,1958
- 1040. Psallus oleae E.Wagner,1963** (Miridae) Synonym(s): *oleae* E.Wagner,1963
- 1041. Psallus varians (Herrich-Schäffer,1841)** (Miridae) Synonym(s): *rufescens* Hahn,1831; *variens* Herrich-Schäffer,1841; *decoloratus* Mulsant & Rey,1852; *distinctus* Fieber,1858; *insignis* Fieber,1858; *kirschbaumi* Fieber,1861; *nigrescens* Fieber,1861; *ochraceus* Fieber,1861; *fieberi* Stichel,1933; *cornutus* Wagner,1943; *tunetanus* Wagner,1962
- 1042. Singhalesia turcica (Seidenstücker,1959)** (Miridae) Synonym(s): *turcica* Seidenstücker,1959
- 1043. Stethoconus pyri (Mella,1869)** (Miridae) Synonym(s): *pyri* Mella,1869
- 1044. Tuponia arcufera Reuter,1879** (Miridae) Synonym(s): *arcufera* Reuter,1879; *eckerleini* Wagner,1955; *orientalis* Wagner,1955; *elegantulus* Zheng & H.Li,1992
- 1045. Tuponia brevirostris Reuter,1883** (Miridae) Synonym(s): *brevirostris* Reuter,1883; *hartigi* Wagner,1955
- 1046. Tuponia hippophaes (Fieber,1861)** (Miridae) Synonym(s): *hippophaes* Fieber,1861; *unicolor* Scott,1872; *myricariae* Cerutti,1939; *michalki* Wagner,1951; *seidenstueckeri* Wagner,1955; *mimeuri* Wagner,1958; *albomarginata* Linnavuori,1961; *cypria* Wagner,1962; *longitarsis* Wagner,1962; *pradassiensis* Tamanini,1964; *menorcanica* Wagner,1971; *liparensis* Tamanini,1973; *rhodensis* Wagner,1974
- 1047. Tuponia mixticolor (Costa,1862)** (Miridae) Synonym(s): *mixticolor* Costa,1862; *lethierryi* Reuter,1875; *colorata* Poppius,1914; *carayoni* Wagner,1955; *vulnerata* Linnavuori,1961; *hungarica* Benedek & Jaszai,1968; *annulata* Wagner,1974
- 1048. Nabis ferus (Linnaeus,1758)** (Nabidae) Synonym(s): *ferus* Linnaeus,1758
- 1049. Phorticus velutinus Puton,1895** (Nabidae) Synonym(s): *velutinus* Puton,1895
- 1050. Prostemma sanguineum (Rossi,1790)** (Nabidae) Synonym(s): *sanguineum* Rossi,1790; *lucidulus* Spinola,1837; *staphylinus* Amyot-Serville,1843; *krueperi* Stein,1878; *margelanum* Horvath,1895; *afghanicus* Poppius,1909; *dimidiatus* Poppius,1909
- 1051. Acrosternum heegeri Fieber,1861** (Pentatomidae) Synonym(s): *heegeri* Fieber,1861; *incerta* Signoret,1861; *submarginatus* Stal,1861
- 1052. Aelia acuminata (Linnaeus,1758)** (Pentatomidae) Synonym(s): *acuminata* Linnaeus,1758; *rostratus* De Geer,1773; *tessarophthalmus* Schrank,1781; *neglecta* Dallas,1851; *burmeisteri* Küster,1852; *pallida* Küster,1852; *turanica* Horvath,1895; *punctiventris* Horvath,1911; *#nigripes* Wagner,1938; *baluchistanensis* Ahmad & Zaidi,1988
- 1053. Aelia albovittata Fieber,1868** (Pentatomidae) Synonym(s): *albovittata* Fieber,1868
- 1054. Aelia germari Küster,1852** (Pentatomidae) Synonym(s): *germari* Küster,1852; *triticiperda* Pomel,1889
- 1055. Aelia rostrata Boheman,1852** (Pentatomidae) Synonym(s): *rostrata* Boheman,1852; *cognata* Fieber,1868; *glebana* Ferrari,1874; *syriaca* Horvath,1903; *eminealkanata* Lodos,1959; *confusa* Kirkaldy,1909; *brunnea* Halaszfy,1955
- 1056. Agatharchus (s.str.) tritaenia Horvath,1897** (Pentatomidae) Synonym(s): *tritaenia* Horvath,1897
- 1057. Ancyrosoma leucogrammes (Gmelin,1790)** (Pentatomidae) Synonym(s): *albolineatus* Fabricius,1781; *nec Gz.*,1778; *leucogrammes* Gmelin,1790; *nervosus* Cyrillus,1791; *nec Sc.*,1763; *affine* Westwood,1837; *tuberculatum* Bergevin,1908
- 1058. Apodiphus amygdali (Germar,1817)** (Pentatomidae) Synonym(s): *amygdali* Germar,1817; *hellenica* Lefebvre,1831; *exsculpta* Burmeister,1835



- 1059. Bagrada (Nitilia) abeillei Puton,1881** (Pentatomidae) Synonym(s): *abeillei* Puton,1881; *persica* Horvath,1936; *lepida* Horvath,1936; *pallens* Kiritshenko,1966
- 1060. Bagrada concinna Horvath,1936** (Pentatomidae) Synonym(s): *concinna* Horvath,1936; *biramosa* Horvath,1936
- 1061. Carpocoris (s.str.) coreanus Distant,1899** (Pentatomidae) Synonym(s): *coreanus* Distant,1899; *iranus* Tamanini,1958
- 1062. Carpocoris (s.str.) fuscispinus (Boheman,1851)** (Pentatomidae) Synonym(s): *fuscispinus* Boheman,1851; *hahni* Flor,1856; *rugicollis* Seabra,1925; *subrufus* Seabra,1925; *flavescens* Seabra,1925; *infuscatus* Seabra,1925
- 1063. Carpocoris (s.str.) mediterraneus Tamanini,1958** (Pentatomidae) Synonym(s): *mediterraneus* Tamanini,1958; *#incerta* Tamanini,1958; *#maculosa* Tamanini,1958; *atlanticus* Tamanini,1958 [ssp.]
- 1064. Carpocoris (s.str.) pudicus (Poda,1761)** (Pentatomidae) Synonym(s): *pudicus* Poda,1761; *cinctus* Schrank,1776; *carnus* Gmelin,1790; *wilkinsonii* Westwood,1837; *pallida* Dallas,1851
- 1065. Carpocoris (s.str.) purpureipennis (De Geer,1773)** (Pentatomidae) Synonym(s): *purpureipennis* De Geer,1773; *nigricornis* Fabricius,1775; *porphyropterus* Gmelin,1790; *pyromosa* Westhoff,1884; *sexmaculatus* Péneau,1921; *#fumarius* Stichel,1924; *#maculata* Tamanini,1958; *#japonensis* Tamanini,1958
- 1066. Chlorochroa (Rhytidolomia) pinicola (Mulsant,1852)** (Pentatomidae) Synonym(s): *pinicola* Mulsant,1852; *longirostris* Dallas,1861; *porphyrea* Fieber,1864; *planiuscula* Reuter,1875
- 1067. Codophila (s.str.) varia (Fabricius,1787)** (Pentatomidae) Synonym(s): *varia* Fabricius,1787; *lunula* Fabricius,1794; *eryngii* Germar,1814; *bilunulata* Kolenati,1846; *persica* Kolenati,1846; *nubica* Kolenati,1846; *laborans* A.Costa,1847; *distinguenda* A.Costa,1847; *longicornis* Fuente,1972
- 1068. Derula delagrangei Puton,1892** (Pentatomidae) Synonym(s): *delagrangei* Puton,1892
- 1069. Derula flavoguttata Mulsant & Rey,1856** (Pentatomidae) Synonym(s): *flavoguttata* Mulsant & Rey,1856; *oculatum* Baerensprung,1858
- 1070. Dolycoris baccarus (Linnaeus,1758)** (Pentatomidae) Synonym(s): *baccarus* Linnaeus,1758; *verbasci* De Geer,1773; *subater* Harris,1780; *albidus* Gmelin,1790; *depressa* Westwood,1837; *confusa* Westwood,1837; *inconcisa* Walker,1867
- 1071. Dyroderes umbraculatus (Fabricius,1775)** (Pentatomidae) Synonym(s): *umbraculatus* Fabricius,1775; *marginatus* Fabricius,1798 nec Linn.,1758; *aparine*s Dufour,1833
- 1072. Eurydema (Horvatheurydema) caligatum Horvath,1901** (Pentatomidae) Synonym(s): *caligatum* Horvath,1901
- 1073. Eurydema (Horvatheurydema) fieberi Fieber,1837** (Pentatomidae) Synonym(s): *fieberi* Fieber,1837; *armeniaceum* Kolenati,1846; *schaefferi* Gorski,1852; *meyeri* Fieber,1861; *caucasica* Jakovlev,1873; *scutellata* Jakovlev,1883; *melanogaster* Horvath,1917; *gussakovskii* Kiritshenko,1952; *bagradiformis* Kiritshenko,1952
- 1074. Eurydema (Horvatheurydema) rugulosum (Dohrn,1860)** (Pentatomidae) Synonym(s): *rugulosa* Dohrn,1860; *nigrorubra* Reuter,1900; *v-rubrum* Horvath,1917; *anaemica* Horvath,1917
- 1075. Eurydema (Rubrodorsalium) dominulum (Scopoli,1763)** (Pentatomidae) Synonym(s): *dominulus* Scopoli,1763; *cordiger* Goeze,1778 (praeocc.); *fimbriolatum* Germar,1836; *lhesgicum* Kolenati,1846; *daurica* Motschoulsky,1860; *minuscula* Walker,1867; *albiventris* Jakovlev,1876; *albovariata* Reuter,1891; *confluens* Reuter,1910; *schirmeri* Schumacher,1911
- 1076. Eurydema (Rubrodorsalium) spectabilis Horvath,1882** (Pentatomidae) Synonym(s): *spectabilis* Horvath,1882; *#intaminata* Stichel,1961
- 1077. Eurydema (s.str.) oleraceum (Linnaeus,1758)** (Pentatomidae) Synonym(s): *oleracea* Linnaeus,1758; *flavatus* Schrank,1776; *albomarginatus* Goeze,1778; *flavomarginatus* Goeze,1778; *albomarginellus* Fabricius,1794; *annulatus* Fallén,1829; *angularis* Kolenati,1846; *insidiosa* Mulsant & Rey,1866; *consobrina* Puton,1871; *consimilis* Horvath,1885; *paradoxa* Horvath,1885; *triguttata* Horvath,1885; *nigripes* Horvath,1885; *atavus* Horvath,1885; *variventer* Rey,1887; *uniforme* Puton,1889; *petulans* Horvath,1898; *confluens* Royer,1907; *nicolasi* Royer,1907; *putoni* Royer,1907; *aberrans* Horvath,1917; *susannae* Royer,1923; *linnaei* Royer,1924; *nevadensis* Lindberg,1932; *upsilon* Cerutti,1937; *royeri* Stichel,1938;...
- 1078. Eurydema (s.str.) ornatum (Linnaeus,1758)** (Pentatomidae) Synonym(s): *ornatum* Linnaeus,1758; *festivus* Linnaeus,1767; *pictum* Herrich-Schäffer,1833; *decoratum* Herrich-Schäffer,1833; *pustulata* Fieber,1837; *conjuncta* Kolenati,1846; *fallax* Scholtz,1847; *falleni* Gorski,1852; *umbralis* Gistel,1857
- 1079. Eurydema (s.str.) putoni Jakovlev,1877** (Pentatomidae) Synonym(s): *putoni* Jakovlev,1877; *adusta* Jakovlev,1879; *distincta* Jakovlev,1879; *colorata* Jakovlev,1882; *formosum* Puton,1895; *superstes* Horvath,1917; *hypoleuca* Horvath,1917
- 1080. Eysarcoris inconspicuus (Herrich-Schäffer,1844)** (Pentatomidae) Synonym(s): *inconspicuus* Herrich-Schäffer,1844
- 1081. Eysarcoris ventralis (Westwood,1837)** (Pentatomidae) Synonym(s): *ventralis* Westwood,1837; *inconspicuus* Herrich-Schäffer,1844; *pusillus* Costa,1847; *distactus* Dallas,1851; *misellus* Stal,1854; *helferi* Fieber,1861; *rectipes* Ellenrieder,1862; *epistomalis* Mulsant & Rey,1866; *mayeti* Mulsant & Rey,1866; *pseudoaeneus* Jakovlev,1869; *simplex* Puton,1881; *scutellaris* Jakovlev,1885; *egenus* Jakovlev,1900; *sindellus* Distant,1902; *schmidtii* Jakovlev,1902; *tangens* Stichel,1961; *confusus* Fuente,1972; *uniformis* Fuente,1972; *hispalensis* Fuente,1972; *luisae* Fuente,1972

- 1082. Graphosoma (s.str.) lineatum (Linnaeus,1758)** (Pentatomidae) Synonym(s): *lineatum* Linnaeus,1758; *italicus* Müller,1766; *nigrolineatus* Fabricius,1781; *shangini* Gebler,1817; *reductum* Horvath,1901; *ochraceum* Royer,1925; *obscurum* Stepanek,1926; *soosi* Halaszfy,1953; *nigriscutellatum* Halaszfy,1955; *flavolineatum* Halaszfy,1955
- 1083. Graphosoma (s.str.) semipunctatum (Fabricius,1775)** (Pentatomidae) Synonym(s): *semipunctatum* Fabricius,1775; *interruptum* White,1839; *wilsoni* White,1839; *persica* Ferr.,1874; *creticum* Horvath,1909
- 1084. Graphosoma (s.str.) stali Horvath,1881** (Pentatomidae) Synonym(s): *stali* Horvath,1881; *alkani* Lodos,1959
- 1085. Holcogaster fibulata (Germar,1831)** (Pentatomidae) Synonym(s): *fibulata* Germar,1831; *exilis* Horvath,1903; *meridionalis* De Seabra,1924; *longicornis* E.Wagner,1955; *weberi* E.Wagner,1964
- 1086. Holcostethus strictus (Fabricius,1803)** (Pentatomidae) Synonym(s): *strictus* Fabricius,1803; *vernalis* Wolff,1804
- 1087. Mustha spinosula (Lefebvre,1831)** (Pentatomidae) Synonym(s): *spinosula* Lefebvre,1831
- 1088. Neottiglossa bifida (Costa,1847)** (Pentatomidae) Synonym(s): *bifida* Costa,1847
- 1089. Nezara viridula (Linnaeus,1758)** (Pentatomidae) Synonym(s): *viridula* Linnaeus,1758
- 1090. Palomena prasina (Linnaeus,1761)** (Pentatomidae) Synonym(s): *prasina* Linnaeus,1761; *roseus* O.F.Müller,1776; *viridis* Harris,1780; *dissimilis* Fabricius,1781; *discolor* Wolff,1811; *rhododactyla* Horvath,1883
- 1091. Piezodorus lituratus (Fabricius,1794)** (Pentatomidae) Synonym(s): *lituratus* Fabricius,1794
- 1092. Rhaphigaster nebulosa (Poda,1761)** (Pentatomidae) Synonym(s): *nebulosa* Poda,1761; *atomarius* Fabricius,1775; *sagittifer* Goeze,1778; *lentiginosus* Gmelin,1790; *punctipennis* Illiger,1807; *nigrovarius* Gravenhorst,1807; *stigmatica* Palisot,1811; *fusca* Motschulsky,1861; *impunctata* Gabiglietti,1869
- 1093. Risibia christophi (Jakovlev,1885)** (Pentatomidae) Synonym(s): *christophi* Jakovlev,1885; *geniculata* Horvath,1903
- 1094. Sciocoris (Aposciocoris) atifi Lodos & Önder,1982** (Pentatomidae) Synonym(s): *atifi* Lodos & Önder,1982
- 1095. Sciocoris (Aposciocoris) luteolus Fieber,1861** (Pentatomidae) Synonym(s): *luteolus* Fieber,1861
- 1096. Sciocoris (Aposciocoris) microphthalmus Flor,1860** (Pentatomidae) Synonym(s): *griseus* Eversmann,1837; *microphthalmus* Flor,1860; *curtipennis* Mulsant & Rey,1866; *cerrutii* Wagner,1959; *poppiusi* Wagner,1965; *pirinaicus* Fuente,1971
- 1097. Sciocoris (Neosciocoris) maculatus Fieber,1851** (Pentatomidae) Synonym(s): *maculatus* Fieber,1851; *gravenhorstii* Fieber,1851; *auritus* Mulsant & Rey,1856; *obscurus* Ferrari,1874; *obscura* Kirkaldy,1909; *minorerostris* Fuente,1971
- 1098. Sciocoris (Neosciocoris) pallens Klug,1855** (Pentatomidae) Synonym(s): *pallens* Klug,1855; *fissus* Mulsant & Rey,1845; *curvocapitatus* Fuente,1971
- 1099. Sciocoris (Parasciocoris) convexiusculus Puton,1874** (Pentatomidae) Synonym(s): *convexiusculus* Puton,1874; *scutellaris* Schmidt,1939 *nec* Put.,1884; *sahlbergi* Wagner,1952; *clypeatus* Stichel,1961; *schmidtii* Wagner,1965
- 1100. Sciocoris (s.str.) cursitans (Fabricius,1794)** (Pentatomidae) Synonym(s): *cursitans* Fabricius,1794; *terreus* Schrank,1801; *rubropunctatus* Fuente,1972
- 1101. Sciocoris (s.str.) ochraceus Fieber,1861** (Pentatomidae) Synonym(s): *ochraceus* Fieber,1861; *#ochraseus* Önder et al.,2006
- 1102. Stagonomus (Dalleria) bipunctatus (Linnaeus,1758)** (Pentatomidae) Synonym(s): *bipunctatus* Linnaeus,1758; *pusillum* Herrich-Schäffer,1833; *binotatus* Hahn,1835; *gibbus* Fieber,1861; *plataspis* Horvath,1883
- 1103. Stagonomus (s.str.) amoenus (Brullé,1832)** (Pentatomidae) Synonym(s): *bipunctatus* Fabricius,1781 *nec* Linn.,1758; *italicus* Gmelin,1790 *nec* Müll.,1766; *amoenus* Brullé,1832; *#transparens* Fuente,1974
- 1104. Staria lunata (Hahn,1835)** (Pentatomidae) Synonym(s): *lunata* Hahn,1835; *lobulatus* Rambur,1839; *maroccana* Lindberg,1932; *levantinae* Fuente,1972
- 1105. Tholagus flavolineatus (Fabricius,1798)** (Pentatomidae) Synonym(s): *flavolineatus* Fabricius,1798; *confinis* Horvath,1898
- 1106. Ventocoris (s.str.) horvathi (Puton,1896)** (Pentatomidae) Synonym(s): *horvathi* Puton,1896
- 1107. Ventocoris (s.str.) trigonus (Krynicky,1871)** (Pentatomidae) Synonym(s): *trigonus* Krynicky,1871
- 1108. Zicrona caerulea (Linnaeus,1758)** (Pentatomidae) Synonym(s): *caerulea* Linnaeus,1758; *concinna* Westwood,1837; *violacea* Westwood,1837; *illustris* Amyot & Serville,1843; *cuprea* Dallas,1851
- 1109. Coptosoma costale Stal,1854** (Plataspidae) Synonym(s): *costale* Stal,1854
- 1110. Coptosoma maurum Vidal,1938** (Plataspidae) Synonym(s): *maurum* Vidal,1938
- 1111. Coptosoma putoni Montandon,1898** (Plataspidae) Synonym(s): *putoni* Montandon,1898



- 1112. Coptosoma scutellatum (Geoffroy,1785)** (Plataspidae) **Synonym(s):** *scutellatum* Geoffroy,1785; *globus* Fabricius,1794; *dilatata* Motschoulsky,1860; *anatolica* Horvath,1883
- 1113. Ectomocoris ululans (Rossi,1790)** (Reduviidae) **Synonym(s):** *ululans* Rossi,1790; *tidikelti* Dispons,1961
- 1114. Holotrichius ochraceus Reuter,1891** (Reduviidae) **Synonym(s):** *ochraceus* Reuter,1891
- 1115. Holotrichius putoni Reuter,1909** (Reduviidae) **Synonym(s):** *putoni* Reuter,1909
- 1116. Holotrichius rotundatus Stal,1874** (Reduviidae) **Synonym(s):** *rotundatus* Stal,1874; *loricatus* Dispons,1962
- 1117. Metapterus linearis A.Costa,1863** (Reduviidae) **Synonym(s):** *linearis* A.Costa,1863
- 1118. Oncocephalus arctipes Noualhier,1895** (Reduviidae) **Synonym(s):** *arctipes* Noualhier,1895
- 1119. Oncocephalus biguttata Horvath,1901** (Reduviidae) **Synonym(s):** *biguttata* Horvath,1901
- 1120. Oncocephalus ocularis Horvath,1898** (Reduviidae) **Synonym(s):** *ocularis* Horvath,1898
- 1121. Oncocephalus pugnax Horvath,1898** (Reduviidae) **Synonym(s):** *pugnax* Horvath,1898
- 1122. Oncocephalus squalidus (Rossi,1790)** (Reduviidae) **Synonym(s):** *squalidus* Rossi,1790
- 1123. Oncocephalus thoracicus Fieber,1861** (Reduviidae) **Synonym(s):** *thoracicus* Fieber,1861
- 1124. Peirates hybridus (Scopoli,1763)** (Reduviidae) **Synonym(s):** *hybridus* Scopoli,1763
- 1125. Reduvius pallipes Klug,1830** (Reduviidae) **Synonym(s):** *pallipes* Klug,1830; *thoracicus* Stal,1855; *testaceus* Fieber
- 1126. Rhynocoris persicus (Jakovlev,1877)** (Reduviidae) **Synonym(s):** *persicus* Jakovlev,1877; *christophi* Jakovlev,1877; *analys* Jakovlev,1889; *pictipes* Horvath,1911
- 1127. Rhynocoris punctiventris Herrich-Schäffer,1846** (Reduviidae) **Synonym(s):** *punctiventris* Herrich-Schäffer,1846; *variegatus* Fieber,1861; *dimidiatus* Dispons,1964; *#punctiventris* Yıldırım et al.,2010
- 1128. Spheganolestes lividigaster (Mulsant & Rey,1852)** (Reduviidae) **Synonym(s):** *lividigaster* Mulsant & Rey,1852; *lividiventris* Stal,1874; *atripes* Puton,1880
- 1129. Spheganolestes pulchellus (Klug,1830)** (Reduviidae) **Synonym(s):** *pulchellus* Klug,1830; *hedenborgi* Stal,1855
- 1130. Corizus hyoscyami (Linnaeus,1758)** (Rhopalidae) **Synonym(s):** *hyoscyami* Linnaeus,1758; *flavicans* Puton,1881; *usticensis* Riggio,1885; *flavescens* Rey,1888; *collinus* Distant,1909; *monticola* Horvath,1917; *atropyga* Blöte,1934; *#hyoscyami* Kiyak et al.,2004
- 1131. Brachycarenum tigrinus (Schilling,1829)** (Rhopalidae) **Synonym(s):** *tigrinus* Schilling,1829; *pudicus* Rambur,1839; *laticeps* Boheman,1851; *gemmatus* A.Costa,1853; *punctosus* Walker,1872
- 1132. Rhopalus (s.str.) parumpunctatus Schilling,1829** (Rhopalidae) **Synonym(s):** *parumpunctatus* Schilling,1829; *pratensis* Fallén,1829; *subspeciosa* Schumacher,1914
- 1133. Rhopalus (s.str.) subrufus (Gmelin,1790)** (Rhopalidae) **Synonym(s):** *subrufus* Gmelin,1790; *capitatus* Fabricius,1794; *magnicornis* Fabricius,1794; *mavromaustakisi* E.Wagner,1967
- 1134. Stictopleurus crassicornis (Linnaeus,1758)** (Rhopalidae) **Synonym(s):** *crassicornis* Linnaeus,1758
- 1135. Pyrrhocoris apterus (Linnaeus,1758)** (Pyrrhocoridae) **Synonym(s):** *apterus* Linnaeus,1758; *clamariensis* Fallén,1829
- 1136. Pyrrhocoris marginatus (Kolenati,1845)** (Pyrrhocoridae) **Synonym(s):** *marginatus* Kolenati,1845
- 1137. Scantius aegyptius (Linnaeus,1758)** (Pyrrhocoridae) **Synonym(s):** *aegyptius* Linnaeus,1758
- 1138. Ellipsocoris trilineatus Mayr,1864** (Scutelleridae) **Synonym(s):** *trilineatus* Mayr,1864
- 1139. Irochrotus caucasicus (Jakovlev,1875)** (Scutelleridae) **Synonym(s):** *caucasicus* Jakovlev,1875; *mongolicus* Jakovlev,1902
- 1140. Irochrotus lanatus (Pallas,1773)** (Scutelleridae) **Synonym(s):** *lanatus* Pallas,1773
- 1141. Odontoscelis dorsalis (Fabricius,1798)** (Scutelleridae) **Synonym(s):** *dorsalis* Fabricius,1798; *plagiatus* Germar,1839; *seminitens* E.Wagner,1953
- 1142. Odontoscelis minuta Jakovlev,1881** (Scutelleridae) **Synonym(s):** *minuta* Jakovlev,1881
- 1143. Odontotarsus caudatus (Burmeister,1835)** (Scutelleridae) **Synonym(s):** *caudatus* Burmeister,1835
- 1144. Odontotarsus impictus Jakovlev,1886** (Scutelleridae) **Synonym(s):** *impictus* Jakovlev,1886; *lautus* Horvath,1891; *decolor* Horvath,1906; *mendax* Horvath,1906
- 1145. Odontotarsus robustus Jakovlev,1884** (Scutelleridae) **Synonym(s):** *robustus* Jakovlev,1884; *flavus* Jakovlev,1885; *dilutus* Horvath,1917
- 1146. Odontotarsus rufescens Fieber,1861** (Scutelleridae) **Synonym(s):** *rufescens* Fieber,1861
- 1147. Psacasta (Cryptodontus) tuberculata (Fabricius,1781)** (Scutelleridae) **Synonym(s):** *tuberculata* Fabricius,1781

- 1148. Psacasta (s.str.) exanthematica (Scopoli,1763)** (Scutelleridae) Synonym(s): *exanthematica* Scopoli,1763; *pedemontanus* Fabricius,1781; *allioni* Gmelin,1790; *herculeana* Horvath,1891; *pallida* Reuter,1902; *simillima* Horvath,1917; *#versicolor* Stichel,1960
- 1149. Dicranocephalus albipes (Fabricius,1781)** (Stenocephalidae) Synonym(s): *albipes* Fabricius,1781; *leucopus* Gmelin,1790; *neglectus* Herrich-Schäffer,1835
- 1150. Dicranocephalus putoni (Horvath,1897)** (Stenocephalidae) Synonym(s): *putoni* Horvath,1897; *dimidiatus* Jakovlev,1901
- 1151. Acalypta sejuncta Horvath,1905** (Tingidae) Synonym(s): *sejuncta* Horvath,1905
- 1152. Acalypta uniseriata (Puton,1879)** (Tingidae) Synonym(s): *uniseriata* Puton,1879; *anatolica* Josifov,1967
- 1153. Acalypta acutangula (Jakovlev,1880)** (Tingidae) Synonym(s): *acutangula* Jakovlev,1880
- 1154. Dictyla triconula (Seidenstücker,1954)** (Tingidae) Synonym(s): *triconula* Seidenstücker,1954
- 1155. Monosteira lobulifera Reuter,1888** (Tingidae) Synonym(s): *lobulifera* Reuter,1888
- 1156. Dictyla echii (Schränk,1782)** (Tingidae) Synonym(s): *echii* Schränk,1782
- 1157. Kalama tricornis Schränk,1801** (Tingidae) Synonym(s): *tricornis* Schränk,1801; *erythrophthalma* Germar & Kaulfuss,1817; *truncaticollis* A.Costa,1862; *aridula* Jakovlev,1902; *americana* Parshley,1916; *maroccana* Ribaut,1939; *ifranensis* Vidal,1951
- 1158. Lasiacantha hedenborgi (Stål,1873)** (Tingidae) Synonym(s): *hedenborgi* Stål,1873; *#hedenbergii* Önder et al.,2006
- 1159. Tingis (s.str.) auriculata (Costa,1847)** (Tingidae) Synonym(s): *auriculata* Costa,1847

### Planipennia

Five families are represented by 21 species in the province.

- 1160. Bubopsis andromache Aspöck, Aspöck & Hölzel,1979** (Ascalaphidae) Synonym(s): *andromache* Aspöck, Aspöck & Hölzel,1979
- 1161. Libelloides lacteus (Brullé,1832)** (Ascalaphidae) Synonym(s): *lacteus* Brullé,1832
- 1162. Libelloides macaronius (Scopoli,1763)** (Ascalaphidae) Synonym(s): *macaronius* Scopoli,1763
- 1163. Libelloides rhomboideus (Schneider,1845)** (Ascalaphidae) Synonym(s): *rhomboideus* Schneider,1845; *#romboideus* Dobosz & Abraham,2007
- 1164. Libelloides syriacus (McLachlan,1871)** (Ascalaphidae) Synonym(s): *syriacus* McLachlan,1871
- 1165. Chrysopa dubitans McLachlan,1887** (Chrysopidae) Synonym(s): *dubitans* McLachlan,1887
- 1166. Dichochrysa subflavifrons (Tjeder,1949)** (Chrysopidae) Synonym(s): *subflavifrons* Tjeder,1949
- 1167. Dichochrysa prasina (Burmeister,1839)** (Chrysopidae) Synonym(s): *prasina* Burmeister,1839
- 1168. Creoleon plumbeus (Olivier,1811)** (Myrmeleonidae) Synonym(s): *plumbeus* Olivier,1811
- 1169. Cueta anomala Navas,1915** (Myrmeleonidae) Synonym(s): *anomala* Navas,1915; *albanica* Capra,1945; *beieri* Hölzel,1969
- 1170. Delfimeus irroratus (Olivier,1811)** (Myrmeleonidae) Synonym(s): *irroratus* Olivier,1811; *imbecillus* Stein,1863; *extorris* Navas,1913; *clarus* Navas,1914; *sobrius* Navas,1914
- 1171. Distoleon tetragrammicus (Fabricius,1798)** (Myrmeleonidae) Synonym(s): *tetragrammicus* Fabricius,1798; *catta* Rossi,1790; *rapax* Olivier,1811; *flavomaculatus* Eversmann,1841; *leuthneri* Navas,1914; *mesmini* Navas,1921
- 1172. Myrmecaelurus trigrammus (Pallas,1781)** (Myrmeleonidae) Synonym(s): *trigrammus* Pallas,1781; *pictum* Fabricius,1798; *flavus* Rambur,1842
- 1173. Myrmeleon (Mortier) hyalinus (Olivier,1811)** (Myrmeleonidae) Synonym(s): *hyalinus* Olivier,1811
- 1174. Neuroleon egenus (Navas,1914)** (Myrmeleonidae) Synonym(s): *egenus* Navas,1914; *cyprius* Navas,1940
- 1175. Palpares libelluloides (Linnaeus,1764)** (Myrmeleonidae) Synonym(s): *libelluloides* Linnaeus,1764; *turcica* Petiver & Empson,1767; *nordmanni* Kolenati,1846
- 1176. Pseudoformicaleo gracilis (Klug,1834)** (Myrmeleonidae) Synonym(s): *gracilis* Klug,1834
- 1177. Nemoptera sinuata Olivier,1811** (Nemopteridae) Synonym(s): *sinuata* Olivier,1811



- 1178. *Nemoptera aegyptiaca* Rambur, 1842** (Nemopteridae) Synonym(s): *aegyptiaca* Rambur, 1842; *hebraica* Westwood, 1874
- 1179. *Lertha extensa* (Olivier, 1811)** (Nemopteridae) Synonym(s): *extensa* Olivier, 1811
- 1180. *Lertha sheppardi* (Kirby, 1904)** (Nemopteridae) Synonym(s): *sheppardi* Kirby, 1904

## Diptera

Following 28 families, Agromyzidae, Asilidae, Bibionidae, Blephariceridae, Bombyliidae, Cecidomyiidae, Ceratopogonidae, Chironomidae, Chloropidae, Conopidae, Dolichopodidae, Drosophilidae, Empidae, Limoniidae, Muscidae, Nycteribiidae, Opomyzidae, Psilidae, Sarcophagidae, Sepsidae, Stratiomyidae, Streblidae, Syrphidae, Tabanidae, Tachinidae, Tephritidae, Tipulidae, and Ulidiidae are represented by 185 species in the province.

- 1181. *Agromyza hiemalis* Becker, 1908** (Agromyzidae) Synonym(s): *hiemalis* Becker, 1908
- 1182. *Agromyza marionae* Griffiths, 1963** (Agromyzidae) Synonym(s): *marionae* Griffiths, 1963
- 1183. *Ophiomyia phaseoli* (Tryon, 1895)** (Agromyzidae) Synonym(s): *phaseoli* Tryon, 1895
- 1184. *Chromatomyia horticola* (Goureau, 1851)** (Agromyzidae) Synonym(s): *horticola* Goureau, 1851; *cucumidis* Macquart, 1854; *tropaeoli* Dufour, 1857; *fediae* Kaltenbach, 1860; *linariae* Kaltenbach, 1862; *pisi* Kaltenbach, 1864; *lactucae* Vimmer, 1928; *bidensivora* Ségué, 1951; *nainiensis* Garg, 1971
- 1185. *Liriomyza bryoniae* (Kaltenbach, 1858)** (Agromyzidae) Synonym(s): *bryoniae* Kaltenbach, 1858
- 1186. *Liriomyza cicerina* (Rondani, 1875)** (Agromyzidae) Synonym(s): *cicerina* Rondani, 1875
- 1187. *Liriomyza strigata* (Meigen, 1830)** (Agromyzidae) Synonym(s): *strigata* Meigen, 1830
- 1188. *Liriomyza trifolii* (Burgess, 1880)** (Agromyzidae) Synonym(s): *trifolii* Burgess, 1880
- 1189. *Napomyza bellidis* Griffiths, 1967** (Agromyzidae) Synonym(s): *bellidis* Griffiths, 1967
- 1190. *Engelepogon antiochienensis* (Tsacas, 1964)** (Asilidae) Synonym(s): *antiochienensis* Tsacas, 1964
- 1191. *Bibio hortulanus* (Linnaeus, 1758)** (Bibionidae) Synonym(s): *hortulanus* Linnaeus, 1758; *citrius* Harris, 1776; *hirtipes* Loew, 1846; *hispanicus* Duda, 1930; *major* Duda, 1930
- 1192. *Apistomyia aphrodite* Zwick, 1988** (Blephariceridae) Synonym(s): *aphrodite* Zwick, 1988
- 1193. *Blepharicera fasciata* (Westwood, 1842)** (Blephariceridae) Synonym(s): *fasciata* Westwood, 1842
- 1194. *Liponeura vinconi* Zwick, 2006** (Blephariceridae) Synonym(s): *vinconi* Zwick, 2006
- 1195. *Anthrax aethiops* (Fabricius, 1781)** (Bombyliidae) Synonym(s): *aethiops* Fabricius, 1781; *punctata* Meigen, 1820; *mendax* Austen, 1937
- 1196. *Bombylella atra* (Scopoli, 1763)** (Bombyliidae) Synonym(s): *ater* Scopoli, 1763; *#quartus* Schaeffer, 1768; *uralensis* Gmelin, 1790; *barbulus* Pallas, 1818; *lugubris* Loew, 1855
- 1197. *Bombylius* (s.str.) *discolor* Mikan, 1796** (Bombyliidae) Synonym(s): *discolor* Mikan, 1796
- 1198. *Usia* (s.str.) *bicolor* Macquart, 1855** (Bombyliidae) Synonym(s): *bicolor* Macquart, 1855
- 1199. *Aphidletes aphidimyza* (Rondani, 1847)** (Cecidomyiidae) Synonym(s): *aphidimyza* Rondani, 1847; *cerasi* Loew, 1850; *napi* Kaltenbach, 1858; *aphidisuga* Rübsaamen, 1891; *aphidivora* Rübsaamen, 1891; *sonchi* Kieffer, 1896; *cucumeris* Lintner, 1897; *rosivora* Coquillett, 1900; *impatiens* Kieffer, 1901; *hamamelidis* Felt, 1907; ...
- 1200. *Asphondylia gennadii* (Marchal, 1904)** (Cecidomyiidae) Synonym(s): *gennadii* Marchal, 1904; *ceratoniae* Bevan, 1918; *caspi* Barnes, 1932
- 1201. *Celticis caucasiae* Gagné, 2013** (Cecidomyiidae) Synonym(s): *caucasiae* Gagné, 2013
- 1202. *Dasineura oleae* (Loew, 1885)** (Cecidomyiidae) Synonym(s): *oleae* Loew, 1885
- 1203. *Lasioptera berlesiana* Paoli, 1907** (Cecidomyiidae) Synonym(s): *berlesiana* Paoli, 1907; *kiefferiana* Del Guercio, 1910; *carphophila* Del Guercio, 1918; *brevicornis* Melis, 1927
- 1204. *Lasioptera oleicola* Skuhrava, 2011** (Cecidomyiidae) Synonym(s): *oleicola* Skuhrava, 2011
- 1205. *Culicoides circumscriptus* Kieffer, 1918** (Ceratopogonidae) Synonym(s): *circumscriptus* Kieffer, 1918; *nadayanus* Kieffer, 1918; *edwardsi* Goetghebuer, 1921; *algarum* Kieffer, 1924; *salicola* Kieffer, 1924; *pictidorsum* Kieffer, 1924; *albionotatus* Vimmer, 1932; *nec* Kieff., 1918; *albosignatus* Vimmer, 1932; *polymaculatus* Vimmer, 1932; *kirovabadicus* Dzhabarov, 1964
- 1206. *Culicoides cataneii* Clastrier, 1957** (Ceratopogonidae) Synonym(s): *cataneii* Clastrier, 1957
- 1207. *Culicoides dzhabarovi* Remm, 1967** (Ceratopogonidae) Synonym(s): *dzhabarovi* Remm, 1967; *dzhabarovi* Callot, Kremer, Molet & Bach, 1968
- 1208. *Culicoides geigelensis* Dzhabarov, 1964** (Ceratopogonidae) Synonym(s): *geigelensis* Dzhabarov, 1964

- 1209. Culicoides festivipennis Kieffer, 1914** (Ceratopogonidae) Synonym(s): *festivipennis* Kieffer, 1914; *odibilis* Austen, 1921; *winnertzi* Edwards, 1926
- 1210. Culicoides picturatus Kremer & Deduit, 1961** (Ceratopogonidae) Synonym(s): *picturatus* Kremer & Deduit, 1961
- 1211. Culicoides nubeculosus (Meigen, 1830)** (Ceratopogonidae) Synonym(s): *nubeculosus* Meigen, 1830; *puncticollis* Goetghebuer, 1912; *punctaticollis* Goetghebuer, 1920
- 1212. Culicoides badooshensis Khalaf, 1961** (Ceratopogonidae) Synonym(s): *badooshensis* Khalaf, 1961
- 1213. Culicoides imicola Kieffer, 1913** (Ceratopogonidae) Synonym(s): *imicola* Kieffer, 1913; *pallidipennis* Carter, Ingram & Macfie, 1920; *iraqensis* Khalaf, 1957; *minutus* Sen & Das Gupta, 1959; *pseudoturgidus* Das Gupta, 1962
- 1214. Culicoides odiatus Austen, 1921** (Ceratopogonidae) Synonym(s): *niger* Dzhaferov, 1960 (*praeocc.*); *odiatus* Austen, 1921; *indistinctus* Khalaf, 1961; *lailae* Khalaf, 1961; *kurektschaicus* Dzhaferov, 1962; *conicus* Remm, 1968
- 1215. Culicoides puncticollis (Becker, 1903)** (Ceratopogonidae) Synonym(s): *puncticollis* Becker, 1903; *impressus* Kieffer, 1918; *distigma* Kieffer, 1922; *donatieni* Kieffer, 1922; *sciniphes* Kieffer, 1925; *bipunctatus* Vimmer, 1932; *tripunctatus* Vimmer, 1932; *wenigi* Vimmer, 1932; *flavitaris* Vimmer, 1932; *flavitaris* Vimmer, 1932; *griseovittatus* Vimmer, 1932; *luteosignatus* Vimmer, 1932; *vavrai* Vimmer, 1932
- 1216. Culicoides riethi Kieffer, 1914** (Ceratopogonidae) Synonym(s): *riethi* Kieffer, 1914; *cordatus* Kieffer, 1921; *crassiforceps* Kieffer, 1924
- 1217. Culicoides sahariensis Kieffer, 1923** (Ceratopogonidae) Synonym(s): *sahariensis* Kieffer, 1923; *baghdadensis* Khalaf, 1957; *coluzzii* Callot, Kremer & Bailly-Choumara, 1970
- 1218. Culicoides schultzei (Enderlein, 1908)** (Ceratopogonidae) Synonym(s): *schultzei* Enderlein, 1908; *irroratus* Goetghebuer, 1948
- 1219. Culicoides shaklawensis Khalaf, 1957** (Ceratopogonidae) Synonym(s): *shaklawensis* Khalaf, 1957; *caspius* Gutsevich, 1959
- 1220. Cricotopus bicinctus (Meigen, 1818)** (Chironomidae) Synonym(s): *bicinctus* Meigen, 1818
- 1221. Cricotopus vieriensis Goetghebuer, 1935** (Chironomidae) Synonym(s): *vieriensis* Goetghebuer, 1935
- 1222. Eukiefferiella calvescens Edw., 1929** (Chironomidae) Synonym(s): *calvescens* Edw., 1929
- 1223. Harnischia fuscimana Kieffer, 1921** (Chironomidae) Synonym(s): *fuscimana* Kieffer, 1921
- 1224. Polypedilum breviantennatum Tchern., 1949** (Chironomidae) Synonym(s): *breviantennatum* Tchern., 1949
- 1225. Potthastia gaedii (Meigen, 1818)** (Chironomidae) Synonym(s): *gaedii* Meigen, 1818
- 1226. Psectrocladius psilopterus Kieffer, 1906** (Chironomidae) Synonym(s): *psilopterus* Kieffer, 1906
- 1227. Stictochironomus sp.1** (Chironomidae)
- 1228. Tanytarsus arduennensis Goetghebuer, 1913** (Chironomidae) Synonym(s): *arduennensis* Goetghebuer, 1913
- 1229. Zalutschia korosienis (Tchern., 1949)** (Chironomidae) Synonym(s): *korosienis* Tchern., 1949
- 1230. Zavreliomyia melanura (Meigen, 1818)** (Chironomidae) Synonym(s): *melanura* Meigen, 1818
- 1231. Eurina ducalis A. Costa, 1885** (Chloropidae) Synonym(s): *ducalis* A. Costa, 1885; *dalmatina* Strobl, 1893
- 1232. Eurina triangularis Becker, 1903** (Chloropidae) Synonym(s): *triangularis* Becker, 1903
- 1233. Camarota curvipennis (Latreille, 1805)** (Chloropidae) Synonym(s): *curvipennis* Latreille, 1805; *flavitaris* Meigen, 1830; *aurifrons* Haliday, 1833; *rufimana* von Roser, 1840; *cerealis* Rondani, 1873
- 1234. Cetema neglectum Tonnoir, 1921** (Chloropidae) Synonym(s): *neglectum* Tonnoir, 1921
- 1235. Apotropina longepilosa (Strobl, 1893)** (Chloropidae) Synonym(s): *longepilosa* Strobl, 1893
- 1236. Siphonellopsis lacteibasis Strobl, 1906** (Chloropidae) Synonym(s): *lacteibasis* Strobl, 1906; *rossica* Nartshuk, 1963
- 1237. Tropidomyia aureifacies Kröber, 1915** (Conopidae) Synonym(s): *aureifacies* Kröber, 1915
- 1238. Sicus ferrugineus (Linnaeus, 1761)** (Conopidae) Synonym(s): *ferrugineus* Linnaeus, 1761; *cessans* Harris, [1776]; *annulipes* R.-D., 1830
- 1239. Conops flavifrons Meigen, 1824** (Conopidae) Synonym(s): *flavifrons* Meigen, 1824; *pugioniformis* Becker, 1913; *minor* Becker, 1922; *kroeberi* Paramonov, 1927; *immaculata* Paramonov, 1927
- 1240. Ortochile nigrocoerulea Latreille, 1809** (Dolichopodidae) Synonym(s): *nigrocoerulea* Latreille, 1809; *nigrocoerulescens* Staeger, 1842; *coerulea* Zetterstedt, 1843; *walkeri* Rondani, 1859; *unicolor* Loew, 1850; *italica* Rondani, 1859



- 1241. *Drosophila (Hirtodrosophila) cameraria Haliday, 1833*** (Drosophilidae)  
Synonym(s): *cameraria Haliday, 1833; unistriata Strobl, 1898; latestriata Becker, 1908; fungicola Villeneuve, 1921*
- 1242. *Drosophila (Lordiphosa) andalusiaca Strobl, 1906*** (Drosophilidae) Synonym(s):  
*andalusiaca Strobl, 1906; forcipata Collin, 1952*
- 1243. *Scaptomyza (Parascaptomyza) pallida (Zetterstedt, 1847)*** (Drosophilidae)  
Synonym(s): *pallida Zetterstedt, 1847; disticha Duda, 1921*
- 1244. *Empis (Euempis) calcarata Bezzi, 1899*** (Empidae) Synonym(s): *calcarata Bezzi, 1899*
- 1245. *Dicranomyia (s.str.) longipennis (Schummel, 1829)*** (Limoniidae) Synonym(s):  
*longipennis Schummel, 1829; immemor Osten Sacken, 1861; tiefii Strobl, 1900*
- 1246. *Coenosia humilis Meigen, 1826*** (Muscidae) Synonym(s): *humilis Meigen, 1826; litioralis R-D., 1830; limpidipennis R-D., 1830; riparia R-D., 1830; distincta R-D., 1830; nana Zetterstedt, 1845; dziedickii Schnabl, 1911*
- 1247. *Lispe assimilis Wiedemann, 1824*** (Muscidae) Synonym(s): *assimilis Wiedemann, 1824; quadrilineata Macquart, 1835; cyrtoneurina Stein, 1900; modesta Stein, 1913; incerta Malloch, 1925; inexpectata Canzoneri & Meneghini, 1966*
- 1248. *Lispe longicollis Meigen, 1826*** (Muscidae) Synonym(s): *longicollis Meigen, 1826; leucomelaena Konow, 1892*
- 1249. *Lispe orientalis Wiedemann, 1824*** (Muscidae) Synonym(s): *orientalis Wiedemann, 1824*
- 1250. *Lispe pectinipes Becker, 1903*** (Muscidae) Synonym(s): *leucopsila sensu auct.; pectinipes Becker, 1903; cochlearia Becker, 1904; mixticcia Séguy, 1941*
- 1251. *Lispe pygmaea Fallén, 1825*** (Muscidae) Synonym(s): *pygmaea Fallén, 1825; tenuipalpis Zetterstedt, 1846; simplicissima Loew, 1847; suturata Rondani, 1866; longiuscula Rondani, 1877*
- 1252. *Lispe tentaculata (De Geer, 1776)*** (Muscidae) Synonym(s): *tentaculata De Geer, 1776; fluviatilis R-D., 1830; tarsalis R-D., 1830; tibialis Macquart, 1839; dissona Villeneuve, 1936*
- 1253. *Musca crassirostris Stein, 1903*** (Muscidae) Synonym(s): *crassirostris Stein, 1903; insignis Austen, 1909*
- 1254. *Nycteribia (s.str.) schmidlii Schiner, 1853*** (Nycteribiidae) Synonym(s): *schmidlii Schiner, 1853*
- 1255. *Nycteribia (s.str.) kolenatii Theodor & Moscona, 1954*** (Nycteribiidae) Synonym(s):  
*kolenatii Theodor & Moscona, 1954*
- 1256. *Nycteribia (Acrocholidia) vexata Westwood, 1835*** (Nycteribiidae) Synonym(s):  
*vexata Westwood, 1835*
- 1257. *Phthiridium biarticulatum Hermann, 1804*** (Nycteribiidae) Synonym(s): *biarticulatum Hermann, 1804*
- 1258. *Penicillidia conspicua Speiser, 1901*** (Nycteribiidae) Synonym(s): *conspicua Speiser, 1901*
- 1259. *Penicillidia dufourii (Westwood, 1835)*** (Nycteribiidae) Synonym(s): *dufourii Westwood, 1835*
- 1260. *Eucampsipoda aegyptia (Macquart, 1851)*** (Nycteribiidae) Synonym(s): *aegyptia Macquart, 1851*
- 1261. *Geomyza tripunctata Fallén, 1823*** (Opomyzidae) Synonym(s): *tripunctata Fallén, 1823; pictipennis Rondani, 1874; braccata Rondani, 1874; calceata Rondani, 1874*
- 1262. *Chamaepsila setalba Freidberg & Shatalkin, 2008*** (Psilidae) Synonym(s): *gracilis Loew, 1854 nec Meig., 1826; setalba Freidberg & Shatalkin, 2008*
- 1263. *Sarcophaga (Heteronychia) haemorrhoides Böttcher, 1913*** (Sarcophagidae)  
Synonym(s): *haemorrhoides Böttcher, 1913; wahisi Lehrer, 1976*
- 1264. *Sarcophaga (Heteronychia) setinervis Rondani, 1860*** (Sarcophagidae) Synonym(s):  
*setinervis Rondani, 1860; puerula Rondani, 1860; efflatouni Salem, 1935; seguyi Lehrer, 1977*
- 1265. *Sarcophaga (Liopygia) argyrostoma (R-D., 1830)*** (Sarcophagidae) Synonym(s):  
*argyrostoma R-D., 1830*
- 1266. *Sepsis thoracica (R-D., 1830)*** (Sepsidae) Synonym(s): *thoracica R-D., 1830; tridens Becker, 1903; consanguinea Villeneuve, 1920; goetghebuerei Frey, 1925; idmais Séguy, 1932; ino Séguy, 1932*
- 1267. *Chloromyia formosa (Scopoli, 1763)*** (Stratiomyidae) Synonym(s): *formosa Scopoli, 1763*
- 1268. *Hermetia illucens (Linnaeus, 1758)*** (Stratiomyidae) Synonym(s): *illucens Linnaeus, 1758*
- 1269. *Brachytarsina flavipennis Macquart, 1851*** (Streblidae) Synonym(s): *flavipennis Macquart, 1851*
- 1270. *Callicera fagesii Guérin-Ménéville, 1844*** (Syrphidae) Synonym(s): *fagesii Guérin-Ménéville, 1844*
- 1271. *Cheilosia (s.str.) proxima (Zetterstedt, 1843)*** (Syrphidae) Synonym(s): *proxima Zetterstedt, 1843; modesta Egger, 1860; fuscicornis Rondani, 1865*
- 1272. *Cheilosia antiqua (Meigen, 1822)*** (Syrphidae) Synonym(s): *antiqua Meigen, 1822*

- 1273. Chrysotoxum intermedium Meigen,1822** (Syrphidae) Synonym(s): *intermedium* Meigen,1822; *lunulatum* Brullé,1832; *monticola* Schummel,1842; *italicum* Rondani,1845; *graecum* Walker,1852; *gymnophthalmum* Giglio-Tos,1890
- 1274. Epistrophe (s.str.) eligans (Harris,1776)** (Syrphidae) Synonym(s): *eligans* Harris,1776; *interrupta* Gmelin,1790; *bifasciata* Fabricius,1794; *fulvipes* Wiedemann,1822; *trifasciata* Strobl,1880; *nigra* Suster & Zilberman,1958
- 1275. Episyrphus balteatus (De Geer,1776)** (Syrphidae) Synonym(s): *cannabina* Scopoli,1763; *balteatus* De Geer,1776; *scitula* Harris,1776; *alternata* Schrank,1781; *nectarea* Fabricius,1787; *nectarina* Wiedemann,1830; *alternans* Macquart,1842; *trigilatus* Walker,1856
- 1276. Eristalinus (Eristalodes) taeniops (Wiedemann,1818)** (Syrphidae) Synonym(s): *taeniops* Wiedemann,1818; *pulchripes* Wiedemann,1822; *fasciatus* Germar,1845; *aegyptius* Walker,1849; *torridus* Walker,1849; *completus* Santos-Abreu,1924; *concinus* Santos-Abreu,1924
- 1277. Eristalinus (Lathyrrophthalmus) aeneus (Scopoli,1763)** (Syrphidae) Synonym(s): *aeneus* Scopoli,1763; *punctatus* Müller,1764; *macrophthalmus* Preyssler,1791; *taphicus* Wiedemann,1830; *cuprovittatus* Wiedemann,1830; *stygius* Newman,1835; *sincerus* Harris,1841; *aenescens* Macquart,1842; *auricalcica* Rondani,1865; *nigrolineatus* Hervé-Bazin,1923
- 1278. Eristalinus (s.str.) sepulchralis (Linnaeus,1758)** (Syrphidae) Synonym(s): *sepulchralis* Linnaeus,1758
- 1279. Eristalis (Eoseritalis) arbustorum (Linnaeus,1758)** (Syrphidae) Synonym(s): *arbustorum* Linnaeus,1758; *nemorum* Linnaeus,1758; *horticola* De Geer,1776; *lineole* Harris,1776; *lyra* Harris,1776; *deflagrata* Preyssler,1793; *fumigata* Becker,1921; *bulgarica* Szilady,1934; *polonica* Szilady,1934; *strandi* Duda,1940
- 1280. Eristalis (Eoseritalis) similis (Fallén,1817)** (Syrphidae) Synonym(s): *similis* Fallén,1817; *pratorum* Meigen,1822; *nigroantennata* Schummel,1844; *pascuorum* Rondani,1857
- 1281. Eristalis (s.str.) tenax (Linnaeus,1758)** (Syrphidae) Synonym(s): *tenax* Linnaeus,1758; *interrupta* Poda,1761; *vulgaris* Scopoli,1763; *fuscus* Scopoli,1763; *porcinus* De Geer,1776; *arbustorum* Schrank,1781; *silvaticus* Meigen,1822; *vulpinus* Meigen,1822; *sinensis* Wiedemann,1824; *columbica* Macquart,1855; *ventralis* Thomson,1869; *alpina* Strobl,1909; *claripes* Santos Abreu,1924; *rubix* Violoitsh,1977
- 1282. Eumerus strigatus (Fallén,1817)** (Syrphidae) Synonym(s): *strigatus* Fallén,1817
- 1283. Eupeodes corollae (Fabricius,1794)** (Syrphidae) Synonym(s): *consisto* Harris,1776; *corollae* Fabricius,1794; *pyrorum* Schrank,1803; *olitoria* Fallén,1817; *lacerus* Meigen,1822; *fulvifrons* Macquart,1827; *crenatus* Macquart,1927; *annularis* Curtis,1837; *octomaculata* Curtis,1837; *propinquus* Macquart,1850; *topiarius* Walker,1851; *berber* Bigot,1884
- 1284. Eupeodes latifasciatus (Macquart,1829)** (Syrphidae) Synonym(s): *latifasciatus* Macquart,1829; *affinis* Loew,1840; *abbreviatus* Zetterstedt,1849; *flavipes* Rondani,1857; *submaculatus* Frey,1918
- 1285. Helophilus (s.str.) trivittatus (Fabricius,1805)** (Syrphidae) Synonym(s): *trivittatus* Fabricius,1805
- 1286. Heringia heringi (Zetterstedt,1843)** (Syrphidae) Synonym(s): *heringi* Zetterstedt,1843
- 1287. Melanostoma mellinum (Linnaeus,1758)** (Syrphidae) Synonym(s): *mellinum* Linnaeus,1758; *facultas* Harris,1776; *scalare* Panzer,1797; *mellarium* Meigen,1822; *melliturgus* Meigen,1822; *laevigatum* Meigen,1822; *minutum* Macquart,1827; *unicolor* Macquart,1827; *concolor* Walker,1851; *pruinatum* Bigot,1884; *nigricorne* Stroble,1893
- 1288. Meliscaeva auricollis (Meigen,1822)** (Syrphidae) Synonym(s): *auricollis* Meigen,1822; *decora* Meigen,1822; *iris* Meigen,1822; *modesta* Meigen,1822; *macilenta* Meigen,1822; *maculicornis* Zetterstedt,1843; *nigritibia* Rondani,1857; *cinctipes* Zetterstedt,1859; *fusca* Palma,1863; *intermedia* Santos Abreu,1924; *discolor* Santos Abreu,1924
- 1289. Meliscaeva cinctella (Zetterstedt,1843)** (Syrphidae) Synonym(s): *cinctella* Zetterstedt,1843
- 1290. Merodon avidus (Rossi,1790)** (Syrphidae) Synonym(s): *avidus* Rossi,1790; *spinipes* Fabricius,1794; *rufitibius* Rondani,1845; *graecus* Walker,1852; *aurifer* Loew,1862; *quadrilineatus* Liroy,1864
- 1291. Microdon devius (Linnaeus,1761)** (Syrphidae) Synonym(s): *devius* Linnaeus,1761
- 1292. Myathropa florea (Linnaeus,1758)** (Syrphidae) Synonym(s): *florea* Linnaeus,1758; *ablecta* Harris,1776; *atropos* Schrank,1776; *bigoti* Macquart,1850; *nigrotarsata* Schiner,1862; *flavofemorata* Strobl,1902; *nigrofasciata* Becker,1907; *auripila* Becker,1907; *nigrofemorata* Santos Abreu,1924; *pygmaea* Santos Abreu,1924; *varifemorata* Santos Abreu,1924; *nigrolanata* Frey,1945
- 1293. Orthonevra frontalis (Loew,1843)** (Syrphidae) Synonym(s): *frontalis* Loew,1843; *venusta* Rondani,1856
- 1294. Paragus (Pandasyopthalmus) tibialis (Fallén,1817)** (Syrphidae) Synonym(s): *tibialis* Fallén,1817; *zonatus* Meigen,1822; *femoratus* Meigen,1822; *obscurus* Meigen,1822; *aeneus* Meigen,1822; *geniculatus* Curtis,1837; *trianguliferus* Zetterstedt,1838; *dispar* Schummel,1842; *dimidiatus* Loew,1843; *varipes* Bigot,1880; *auricaudatus* Bigot,1883; *meridionalis* Becker,1921; *mongolicus* Kanervo,1938
- 1295. Pelecocera pruinomaculata Strobl,1906** (Syrphidae) Synonym(s): *pruinomaculata* Strobl,1906
- 1296. Riponnensia insignis (Loew,1843)** (Syrphidae) Synonym(s): *insignis* Loew,1843



- 1297. *Scaeva albomaculata* (Macquart,1842)** (Syrphidae) Synonym(s): *albomaculata* Macquart,1842
- 1298. *Scaeva pyrastris* (Linnaeus,1758)** (Syrphidae) Synonym(s): *pyrastris* Linnaeus,1758; *melinus* Harris,1776; *rosae* De Geer,1776; *transfugus* Fabricius,1794; *affinis* Say,1823
- 1299. *Scaeva selenitica* (Meigen,1822)** (Syrphidae) Synonym(s): *selenitica* Meigen,1822
- 1300. *Simosyrphus scutellaris* (Fabricius,1805)** (Syrphidae) Synonym(s): *scutellaris* Fabricius,1805; *trochantericus* Sack,1913; *ogasawarensis* Matsumura,1916; *boninensis* Matsumura,1919
- 1301. *Sphaerophoria rueppelli* Wiedemann,1830** (Syrphidae) Synonym(s): *rueppelli* Wiedemann,1830
- 1302. *Sphaerophoria scripta* (Linnaeus,1758)** (Syrphidae) Synonym(s): *scripta* Linnaeus,1758; *gemmata* Scopoli,1763; *fasciata* Müller,1764; *invisita* Harris,1776; *menthostri* De Geer,1776
- 1303. *Syritta flaviventris* Macquart,1842** (Syrphidae) Synonym(s): *flaviventris* Macquart,1842; *nigricornis* Macquart,1842; *spinigera* Loew,1848
- 1304. *Syritta pipiens* (Linnaeus,1758)** (Syrphidae) Synonym(s): *pipiens* Linnaeus,1758; *proxima* Say,1824; *obscuripes* Strobl,1899; *albicincta* Santos Abreu,1924; *flavicans* Szilady,1940; *vicina* Szilady,1940; *tenofemora* Dzhaferova,1974
- 1305. *Chrysops* (Petersenichrysops) *hamatus* Loew,1858** (Tabanidae) Synonym(s): *hamatus* Loew,1858
- 1306. *Chrysops* (s.str.) *caecutiens* (Linnaeus,1758)** (Tabanidae) Synonym(s): *caecutiens* Linnaeus,1758; *ludens* Loew,1858
- 1307. *Chrysops* (s.str.) *flavipes* Meigen,1804** (Tabanidae) Synonym(s): *flavipes* Meigen,1804; *punctifer* Loew,1858; *#favipes* Kılıç,1999
- 1308. *Dasyrhamphis carbonarius* (Meigen,1820)** (Tabanidae) Synonym(s): *carbonarius* Meigen,1820; *gagates* Loew,1858
- 1309. *Dasyrhamphis umbrinus* (Meigen,1820)** (Tabanidae) Synonym(s): *umbrinus* Meigen,1820; *istriensis* Meigen,1820; *maculipennis* Brullé,1832; *atavina* Enderlein,1925
- 1310. *Haematopota pavlovskii* Hauser,1960** (Tabanidae) Synonym(s): *pavlovskii* Hauser,1960
- 1311. *Hybomitra ciureai* (Séguy,1937)** (Tabanidae) Synonym(s): *ciureai* Séguy,1937; *shineri* Lyneborg,1959
- 1312. *Hybomitra decora* (Loew,1858)** (Tabanidae) Synonym(s): *decora* Loew,1858; *defasciata* Szilady,1923; *amani* Szilady,1926
- 1313. *Pangonius* (s.str.) *argentatus* Szilady,1923** (Tabanidae) Synonym(s): *argentatus* Szilady,1923
- 1314. *Pangonius* (s.str.) *fulvipes* Loew,1868** (Tabanidae) Synonym(s): *fulvipes* Loew,1868; *sulcata* Bezzi,1909; *palpalis* Kröber,1921
- 1315. *Pangonius* (s.str.) *pyritosus* Loew,1859** (Tabanidae) Synonym(s): *pyritosus* Loew,1859; *decipiens* Kröber,1921; *hirsutipalpis* Kröber,1921
- 1316. *Philipomyia aprica* (Meigen,1820)** (Tabanidae) Synonym(s): *aprica* Meigen,1820; *infuscatus* Loew,1858
- 1317. *Philipomyia graeca* (Fabricius,1794)** (Tabanidae) Synonym(s): *graeca* Fabricius,1794; *ferruginea* Meigen,1804; *fulvicornis* Meigen,1820; *segmentaria* Brullé,1832; *infusa* Walker,1850; *propinqua* Palm,1876
- 1318. *Tabanus anatolicus* Osufjev, Moucha & Chvala,1967** (Tabanidae) Synonym(s): *anatolicus* Osufjev, Moucha & Chvala,1967
- 1319. *Tabanus bromius* Linnaeus,1758** (Tabanidae) Synonym(s): *bromius* Linnaeus,1758; *maculatus* De Geer,1776; *scalaris* Meigen,1820; *glaucus* Meigen,1820; *connexus* Walker,1856; *antophilus* Loew,1858; *glaucescens* Schiner,1862; *flavofemoratus* Strobl,1909; *nigricans* Szilady,1914; *simplex* Muschamp,1939
- 1320. *Tabanus brunnescens* Szilady,1914 (!)** (Tabanidae) Synonym(s): *brunnescens* Szilady,1914
- 1321. *Tabanus cuculus* Szilady,1923** (Tabanidae) Synonym(s): *cuculus* Szilady,1923
- 1322. *Tabanus eggeri* Schiner,1868** (Tabanidae) Synonym(s): *intermedius* Egger,1859 *nec* Wlk.,1848; *eggeri* Schiner,1868; *luizae* Dias,1980
- 1323. *Tabanus exclusus* Pandellé,1883** (Tabanidae) Synonym(s): *exclusus* Pandellé,1883
- 1324. *Tabanus fraseri* Austen,1925** (Tabanidae) Synonym(s): *fraseri* Austen,1925
- 1325. *Tabanus glaucopis* Meigen,1820** (Tabanidae) Synonym(s): *ferrugineus* Meigen,1804 *nec* Ström,1768; *glaucopis* Meigen,1820; *lunulatus* Meigen,1820; *chlorophthalmus* Meigen,1820; *flavicans* Zeller,1842; *cognatus* Loew,1858; *castellanus* Strobl,1906; *rubra* Muschamp,1939
- 1326. *Tabanus indrae* Hauser,1939** (Tabanidae) Synonym(s): *indrae* Hauser,1939; *vappa* Bogatchev & Samedov,1949; *montivagus* Olsufjev,1970
- 1327. *Tabanus leleani* Austen,1920** (Tabanidae) Synonym(s): *leleani* Austen,1920; *pallpidus* Olsufjev,1937 *nec* P.B.,1809; *turkestanicus* Olsufjev,1970

- 1328. *Tabanus lunatus* Fabricius, 1794** (Tabanidae) Synonym(s): *lunatus* Fabricius, 1794; *algericus* Thunberg, 1827; *wideri* Jaennicke, 1866; *syriacus* Szilady, 1923; *rufus* Szilady, 1923; *politus* Szilady, 1923; *farinosus* Szilady, 1923; *algeriensis* Peus, 1980; *levantinus* Peus, 1980
- 1329. *Tabanus miki* Brauer, 1880** (Tabanidae) Synonym(s): *miki* Brauer, 1880; *velutinus* Kröber, 1936; *australis* Hauser, 1960; *postvelutinus* Moucha, 1962
- 1330. *Tabanus obsolescens* Pandellé, 1883** (Tabanidae) Synonym(s): *obsolescens* Pandellé, 1883
- 1331. *Tabanus shannonellus* Kröber, 1936** (Tabanidae) Synonym(s): *shannonellus* Kröber, 1936
- 1332. *Tabanus spectabilis* Loew, 1858** (Tabanidae) Synonym(s): *lateralis* Brullé, 1832 (*praeocc.*); *spectabilis* Loew, 1858; *aspahanicus* Rondani, 1873
- 1333. *Tabanus spodopterus* Meigen, 1820** (Tabanidae) Synonym(s): *spodopterus* Meigen, 1820; *ponticus* Olsufjev, Moucha & Chvala, 1967
- 1334. *Tabanus tergestinus* Egger, 1859** (Tabanidae) Synonym(s): *tergestinus* Egger, 1859
- 1335. *Theriopectes tunicatus* Szilady, 1927** (Tabanidae) Synonym(s): *tunicatus* Szilady, 1927
- 1336. *Loewia crassipes* (Mesnil, 1953)** (Tachinidae) Synonym(s): *crassipes* Mesnil, 1953
- 1337. *Carpomya pardalina* (Bigot, 1891)** (Tephritidae) Synonym(s): *pardalina* Bigot, 1891; *caucasica* Zaitzev, 1919; *#carpalina* Fletcher, 1920
- 1338. *Ceratitis* (s.str.) *capitata* (Wiedemann, 1824)** (Tephritidae) Synonym(s): *capitata* Wiedemann, 1824; *citriperda* Mac Leay, 1829; *asparagi* Bezzi, 1924
- 1339. *Sphenella marginata* (Fallén, 1814)** (Tephritidae) Synonym(s): *marginata* Fallén, 1814; *linariae* R-D., 1830; *miranda* Wollaston, 1858; *tenerifensis* Bigot, 1892; *austrina* Munro, 1957
- 1340. *Tephritis cometa* (Loew, 1840)** (Tephritidae) Synonym(s): *cometa* Loew, 1840; *cingulata* M.Hering, 1936 [ssp.], *israelis* Freidberg, 1974 [ssp.]
- 1341. *Tephritis dioscurea* (Loew, 1856)** (Tephritidae) Synonym(s): *dioscurea* Loew, 1856
- 1342. *Tephritis fallax* (Loew, 1844)** (Tephritidae) Synonym(s): *fallax* Loew, 1844; *nesii* von Roser, 1840
- 1343. *Tephritis formosa* (Loew, 1844)** (Tephritidae) Synonym(s): *formosa* Loew, 1844
- 1344. *Tephritis hurvitzii* Freidberg, 1980** (Tephritidae) Synonym(s): *hurvitzii* Freidberg, 1980
- 1345. *Tephritis matricariae* (Loew, 1844)** (Tephritidae) Synonym(s): *matricariae* Loew, 1844
- 1346. *Tephritomyia lauta* (Loew, 1869)** (Tephritidae) Synonym(s): *lauta* Loew, 1869; *veliformis* Becker, 1907
- 1347. *Terellia* (Cerajocera) *gynaecochroma* (M.Hering, 1936)** (Tephritidae) Synonym(s): *gynaecochroma* M.Hering, 1936
- 1348. *Terellia* (s.str.) *longicauda* (Meigen, 1838)** (Tephritidae) Synonym(s): *longicauda* Meigen, 1838; *acuticornis* Loew, 1846
- 1349. *Terellia* (s.str.) *luteola* (Wiedemann, 1830)** (Tephritidae) Synonym(s): *luteola* Wiedemann, 1830
- 1350. *Terellia* (s.str.) *virens* (Loew, 1846)** (Tephritidae) Synonym(s): *virens* Loew, 1846; *syllibi* Rondani, 1870
- 1351. *Urophora affinis* (Frauenfeld, 1857)** (Tephritidae) Synonym(s): *affinis* Frauenfeld, 1857
- 1352. *Urophora aprica* (Fallén, 1820)** (Tephritidae) Synonym(s): *aprica* Fallén, 1820; *centauriae* R-D., 1830; *scutellata* Rondani, 1870
- 1353. *Urophora congrua* Loew, 1862** (Tephritidae) Synonym(s): *congrua* Loew, 1862
- 1354. *Urophora dzieduszyckii* Frauenfeld, 1867** (Tephritidae) Synonym(s): *dzieduszyckii* Frauenfeld, 1867; *wodzickii* Frauenfeld, 1867; *syriaca* Hendel, 1927; *pontica* M.Hering, 1937; *erichschmidtii* M.Hering, 1953; *#dzieduszyckiipontica* White & Korneyev, 1989
- 1355. *Urophora hani* Kütük, 2009** (Tephritidae) Synonym(s): *hani* Kütük, 2009
- 1356. *Urophora jaceana* (M.Hering, 1935)** (Tephritidae) Synonym(s): *jaceana* M.Hering, 1935; *#jacaena* Bayrak & Hayat, 2012
- 1357. *Urophora macrura* (Loew, 1855)** (Tephritidae) Synonym(s): *macrura* Loew, 1855; *lejura* Rondani, 1870
- 1358. *Urophora neuenschwanderi* Freidberg, 1982** (Tephritidae) Synonym(s): *neuenschwanderi* Freidberg, 1982
- 1359. *Urophora quadrifasciata* (Meigen, 1826)** (Tephritidae) Synonym(s): *quadrifasciata* Meigen, 1826; *sjumorum* Rohdendorf, 1934 [ssp.]
- 1360. *Urophora solstitialis* (Linnaeus, 1758)** (Tephritidae) Synonym(s): *solstitialis* Linnaeus, 1758; *dauci* Fabricius, 1787; *leucocanthi* Schrank, 1803; *hastatus* Fabricius, 1805; *pugionata* Meigen, 1826; *reamurii* R-D., 1830; *sibynata* Rondani, 1870; *sejuncta* Becker, 1907; *#solstitialis* Bayrak & Hayat, 2012
- 1361. *Urophora terebrans* (Loew, 1850)** (Tephritidae) Synonym(s): *terebrans* Loew, 1850; *erilepidis* Loew, 1856; *manni* Hendel, 1927; *approximata* M.Hering, 1938; *satunini* Zaitzev, 1945
- 1362. *Urophora variabilis* Loew, 1869** (Tephritidae) Synonym(s): *variabilis* Loew, 1869



- 1363. *Nephrotoma scalaris* (Meigen,1818)** (Tipulidae) Synonym(s): *scalaris* Meigen,1818; *imperialis* Meigen,1818  
**1364. *Dorycera pictipennis* Hennig,1939** (Ulidiidae) Synonym(s): *pictipennis* Hennig,1939  
**1365. *Otites* sp. ?n.** (Ulidiidae)

### Hymenoptera

Following 31 families, Andrenidae, Apidae, Argidae, Braconidae, Cephidae, Chrysididae, Crabronidae, Eulophidae, Eurytomidae, Evaniidae, Formicidae, Gasteruptiidae, Eupelmidae, Halictidae, Ichneumonidae, Leucospidae, Megachilidae, Megalodontesidae, Melittidae, Mutillidae, Pompilidae, Orussidae, Pteromalidae, Sapygidae, Scelionidae, Scoliidae, Sphecidae, Tenthredinidae, Tiphidae, Torymidae, and Vespidae are represented by 336 species in the province.

- 1366. *Andrena* (*Brachyandrena*) *pinguis* Ariana, Scheuchl, Tadauchi & Gusenleitner,2009** (Andrenidae) Synonym(s): *pinguis* Ariana, Scheuchl, Tadauchi & Gusenleitner,2009  
**1367. *Andrena* (*Ulandrena*) *isabellina* Warncke,1969** (Andrenidae) Synonym(s): *isabellina* Warncke,1969  
**1368. *Allodape libanensis* (Friese,1899)** (Apidae) Synonym(s): *libanensis* Friese,1899  
**1369. *Apis* (s.str.) *mellifera* Linnaeus,1758** (Apidae) Synonym(s): *mellifera* Linnaeus,1758; *mellifica* Linnaeus,1761  
**1370. *Bombus* (s.str.) *terrestris* Linnaeus,1758** (Apidae) Synonym(s): *terrestris* Linnaeus,1758; *cullumanus* Kirby,1802; *audax* Harris,1870; *silantjewei* Morawitz,1892; *holsaticus* Krüger,1954  
**1371. *Bombus* (*Thoracobombus*) *zonatus* Smith,1854** (Apidae) Synonym(s): *zonatus* Smith,1854  
**1372. *Ceratina bispinosa* Handlirsch,1889** (Apidae) Synonym(s): *bispinosa* Handlirsch,1889  
**1373. *Ceratina schwarzi* Kocourek,1998** (Apidae) Synonym(s): *schwarzi* Kocourek,1998  
**1374. *Exoneuridia* (s.str.) *hakkariensis* (Warncke,1983)** (Apidae) Synonym(s): *hakkariensis* Warncke,1983  
**1375. *Nomada diacantha* Schwarz,1981** (Apidae) Synonym(s): *diacantha* Schwarz,1981  
**1376. *Thyreus histronicus* Illiger,1806** (Apidae) Synonym(s): *histronicus* Illiger,1806; *major* Morawitz,1876; *divisa* Pérez,1905; *alboscuteolata* Meyer,1921; *rimosiscutum* Alfken,1927  
**1377. *Xylocopa* (*Ctenoxylocopa*) *fenestrata* (Fabricius,1798)** (Apidae) Synonym(s): *fenestrata* Fabricius,1798; *lunata* Klug,1807  
**1378. *Xylocopa* (*Koptortosoma*) *pubescens* Spinola,1838** (Apidae) Synonym(s): *pubescens* Spinola,1838; *rubida* Gribodo,1884  
**1379. *Xylocopa* (*Proxylocopa*) *olivieri* Lepeletier,1841** (Apidae) Synonym(s): *olivieri* Lepeletier,1841  
**1380. *Xylocopa* (s.str.) *valga* Gerstaecker,1872** (Apidae) Synonym(s): *valga* Gerstaecker,1872; *ramulorum* Rondani,1874; *convexa* Smith,1878  
**1381. *Xylocopa* (s.str.) *violacea* (Linnaeus,1758)** (Apidae) Synonym(s): *violacea* Linnaeus,1758; *insubrica* Müller,1766; *femorata* Fabricius,1804  
**1382. *Arge scita* (Mocsary,1880)** (Argidae) Synonym(s): *scita* Mocsary,1880; *zarudnyi* Gussakovskii,1935  
**1383. *Agathis anglica* Marshall,1885** (Braconidae) Synonym(s): *anglica* Marshall,1885; *longicauda* Kokujev,1895; *marshalli* Fahringer,1937; *syriaca* Fischer,1957; *albanica* Fischer,1957; *caucasica* Tobias,1963; *taiwanensis* Chou & Sharkey,1989  
**1384. *Agathis nigra* Nees von Esenbeck,1814** (Braconidae) Synonym(s): *nigra* Nees von Esenbeck,1814  
**1385. *Agathis rufipalpis* Nees von Esenbeck,1814** (Braconidae) Synonym(s): *rufipalpis* Nees von Esenbeck,1814  
**1386. *Agathis umbellatarum* Nees von Esenbeck,1814** (Braconidae) Synonym(s): *umbellatarum* Nees von Esenbeck,1814  
**1387. *Apanteles obscurus* (Nees ab Esenbeck,1834)** (Braconidae) Synonym(s): *obscurus* Nees ab Esenbeck,1834  
**1388. *Atanycolus initiator* (Fabricius,1793)** (Braconidae) Synonym(s): *initiator* Fabricius,1793; *genalis* Thomson,1892; *petiolaris* Thomson,1892; *flaviceps* Ivanov,1896; *mongolicus* Telenga,1936  
**1389. *Atanycolus neesii* (Marshall,1897)** (Braconidae) Synonym(s): *neesii* Marshall,1897  
**1390. *Bracon* (*Asiabracon*) *quadrinaculatus* Telenga,1936** (Braconidae) Synonym(s): *quadrinaculatus* Telenga,1936; *amaculatus* Beyarslan,1988

- 1391. Bracon (Glabrobracon) anthracinus (Nees ab Esenbeck,1834)** (Braconidae)  
Synonym(s): *delibator* Haliday,1833; *anthracinus* Nees ab Esenbeck,1834
- 1392. Bracon (Glabrobracon) osculator (Nees ab Esenbeck,1812)** (Braconidae)  
Synonym(s): *osculator* Nees ab Esenbeck,1812; *bisignatus* Wesmael,1838; *degenerator* Marshall,1885; *cingulator* Szepligeti,1901; *minutus* Szepligeti,1901; *temporalis* Telenga,1936; *venustus* Telenga,1936
- 1393. Bracon (Glabrobracon) popovi Telenga,1936** (Braconidae) Synonym(s): *popovi* Telenga,1936; *prodigiosus* Papp,1971
- 1394. Bracon (Habrobracon) hebetor Say,1835** (Braconidae) Synonym(s): *hebetor* Say,1835; *dorsator* Say,1836; *brevicornis* Wesmael,1838; *juglandis* Ashmead,1889; *brunneus* Szepligeti,1901; *beneficientior* Viereck,1911; *breviantennatus* De Stefani,1919; *asiaticus* Telenga,1936; *flavus* Telenga,1936; *turkestanicus* Telenga,1936;...
- 1395. Bracon (Rostrobracon) urinator (Fabricius,1798)** (Braconidae) Synonym(s): *urator* Fabricius,1798; *comptus* Marshall,1897
- 1396. Bracon (s.str.) fulvipes Nees ab Esenbeck,1834** (Braconidae) Synonym(s): *fulvipes* Nees ab Esenbeck,1834; *carinatus* Szépligeti,1901; *sylvanus* Greese,1928; *kiritschenkoi* Telenga,1936
- 1397. Bracon (s.str.) intercessor Nees ab Esenbeck,1834** (Braconidae) Synonym(s): *intercessor* Nees ab Esenbeck,1834; *lativentris* Cresson,1865; *fulvus* Szépligeti,1896; *fumigatus* Szépligeti,1896; *hemirugosus* Szépligeti,1896; *universitatis* Dalla Torre,1898; *adjectus* Szépligeti,1901; *bisinuatus* Szépligeti,1901; *dubiosus* Szépligeti,1901; *Szépligeti*,1901; *elegans* Szépligeti,1901; *fallaciosus* Szépligeti,1901; *mixtus* Szépligeti,1901; *mundus* Szépligeti,1901; *nitidiusculus* Szépligeti,1901; *rufiscapus* Szépligeti,1901; *subtilis* Szépligeti,1901; *suspectus* Szépligeti,1901; *vigilax* Kokujev,1912; *rhynchiti* Greese,1928; *kachetinus* Telenga,1933; *maslovskii* Telenga,1936; *segregatus* Telenga,1936
- 1398. Bracon (s.str.) pectoralis (Wesmael,1838)** (Braconidae) Synonym(s): *pectoralis* Wesmael,1838; *obscuricornis* Szépligeti,1896; *ochrosus* Szépligeti,1896; *sulphurator* Szépligeti,1896
- 1399. Cotesia ancilla (Nixon,1974)** (Braconidae) Synonym(s): *ancilla* Nixon,1974
- 1400. Cotesia ruficrus (Haliday,1834)** (Braconidae) Synonym(s): *ruficrus* Haliday,1834; *antipoda* Ashmead,1900; *manilae* Ashmead,1904; *sydneyensis* Cameron,1911; *narangae* Viereck,1913
- 1401. Cotesia telengai (Tobias,1972)** (Braconidae) Synonym(s): *telengai* Tobias,1972; *amabilis* Nixon,1974
- 1402. Diachasmimorpha (s.str.) paeoniae (Tobias,1980)** (Braconidae) Synonym(s): *paeoniae* Tobias,1980
- 1403. Disophrys caesa (Klug,1835)** (Braconidae) Synonym(s): *caesa* Klug,1835; *anthracina* Kriechbaumer,1898
- 1404. Glyptomorpha pectoralis (Brullé,1832)** (Braconidae) Synonym(s): *desertor* Fabricius,1775; *pectoralis* Brullé,1832; *tuberculosis* Brullé,1846; *algericus* Lucas,1849; *intermedius* Szepligeti,1901; *smenus* Cameron,1904; *nursei* Cameron,1906; *unicolor* Cameron,1906; *desectus* Bradley,1919
- 1405. Meteorus versicolor (Wesmael,1835)** (Braconidae) Synonym(s): *versicolor* Wesmael,1835; *bimaculatus* Wesmael,1835; *unicolor* Hartig,1838 nec Wesm.,1835; *brevicornis* Ratzeburg,1844; *rugator* Ratzeburg,1852; *decoloratus* Ruthe,1862; *camptolomae* Watanabe,1939; *ikonovovi* M.Fischer,1959; *hartigi* Shenefelt,1969
- 1406. Opius (Odontopoea) rhodopicola Zaykov & Fischer,1986** (Braconidae)  
Synonym(s): *rhodopicola* Zaykov & Fischer,1986
- 1407. Opius (Phaedrotoma) diversa (Szepligeti,1898)** (Braconidae) Synonym(s): *diversa* Szepligeti,1898
- 1408. Protodacnusa tristis (Nees ab Esenbeck,1834)** (Braconidae) Synonym(s): *tristis* Nees ab Esenbeck,1834
- 1409. Rhaconotus asiaticus Belokobylski,1990** (Braconidae) Synonym(s): *asiaticus* Belokobylski,1990
- 1410. Rhaconotus kerzhneri Belokobylski,1985** (Braconidae) Synonym(s): *kerzhneri* Belokobylski,1985
- 1411. Spathius rubidus (Rossi,1794)** (Braconidae) Synonym(s): *rubidus* Rossi,1794
- 1412. Pachycephus smyrnensis Stein,1876** (Cephidae) Synonym(s): *smyrnensis* Stein,1876; *aeneovarius* Kohl,1905; *brevis* Ghigi,1915; *sanctus* Pic,1916; *notativentris* Pic,1916
- 1413. Cephus nigrinus Thomson,1871** (Cephidae) Synonym(s): *nigrinus* Thomson,1871
- 1414. Trachelus libanensis (André,1881)** (Cephidae) Synonym(s): *libanensis* André,1881; *armenius* Konow,1896
- 1415. Trachelus tabidus (Fabricius,1775)** (Cephidae) Synonym(s): *tabidus* Fabricius,1775
- 1416. Chrysura radians (Harris,1776)** (Chrysididae) Synonym(s): *radians* Harris,1776; *pustulosa* Abeille,1878
- 1417. Cleptes femoralis Mocsary,1890** (Chrysididae) Synonym(s): *femoralis* Mocsary,1890; *antakyensis* Linsenmaier,1968
- 1418. Cleptes jordanicus Linsenmeier,1968** (Chrysididae) Synonym(s): *jordanicus* Linsenmeier,1968



- 1419. Cleptes turceyanus Linsenmeier,1968** (Chrysididae) Synonym(s): *turceyanus Linsenmeier,1968*
- 1420. Chrysis antakyensis Linsenmaier,1968** (Chrysididae) Synonym(s): *antakyensis Linsenmaier,1968*
- 1421. Alysson spinosus (Panzer,1801)** (Crabronidae) Synonym(s): *fuscata Panzer,1798; bimaculata Panzer,1798; spinosus Panzer,1801*
- 1422. Ammatomus coarctatus (Spinola,1808)** (Crabronidae) Synonym(s): *coarctatus Spinola,1808*
- 1423. Ammatomus rogenhoferi (Handlirsch,1888)** (Crabronidae) Synonym(s): *rogenhoferi Handlirsch,1888*
- 1424. Astate affinis Vander Linden,1829** (Crabronidae) Synonym(s): *affinis Vander Linden,1829*
- 1425. Astate boops (Schrank,1781)** (Crabronidae) Synonym(s): *boops Schrank,1781*
- 1426. Astate costae A.Costa,1867** (Crabronidae) Synonym(s): *costae A.Costa,1867*
- 1427. Astate diversipes Pulawski,1955** (Crabronidae) Synonym(s): *diversipes Pulawski,1955*
- 1428. Astate kashmirensis Nurse,1909** (Crabronidae) Synonym(s): *kashmirensis Nurse,1909*
- 1429. Astate minor Kohl,1885** (Crabronidae) Synonym(s): *minor Kohl,1885*
- 1430. Belomicrus italicus A.Costa,1871** (Crabronidae) Synonym(s): *italicus A.Costa,1871; obscurus Kohl,1892*
- 1431. Bembecinus asiaticus (Gussakowski,1935)** (Crabronidae) Synonym(s): *asiaticus Gussakowski,1935*
- 1432. Bembecinus cyprius De Beaumont,1954** (Crabronidae) Synonym(s): *cyprius De Beaumont,1954*
- 1433. Bembecinus peregrinus (Smith,1856)** (Crabronidae) Synonym(s): *peregrinus Smith,1856; erberi Mocsary,1881; biarmatus Mocsary,1883*
- 1434. Bembix bicolor (Radoszkowski,1877)** (Crabronidae) Synonym(s): *bicolor Radoszkowski,1877; femoralis Radoszkowski,1877; bipunctata Radoszkowski,1877; barbiventris Morawitz,1889*
- 1435. Bembix bidentata Van der Linden,1829** (Crabronidae) Synonym(s): *bidentata Van der Linden,1829*
- 1436. Bembix oculata (Panzer,1801)** (Crabronidae) Synonym(s): *oculata Panzer,1801; latreillii Lepeletier,1845; neglecta Dahlbom,1845; ocellata Dahlbom,1845; panzeri Handlirsch,1893; hispanica Mercet,1904; ebusiana Giner Mari,1934;*
- 1437. Bembix olivacea Fabricius,1787** (Crabronidae) Synonym(s): *olivacea Fabricius,1787; senilis Fabricius,1804; notata Dahlbom,1845; mediterranea Handlirsch,1893; maroccana Mercet,1905; pardoi Giner Mari,1945*
- 1438. Bembix pallida Radoszkowski,1877** (Crabronidae) Synonym(s): *pallida Radoszkowski,1877*
- 1439. Cerceris arenaria (Linnaeus,1758)** (Crabronidae) Synonym(s): *arenaria Linnaeus,1758*
- 1440. Cerceris bupresticida Dufour,1841** (Crabronidae) Synonym(s): *bupresticida Dufour,1841*
- 1441. Cerceris cheskesiana Giner Mari,1945** (Crabronidae) Synonym(s): *cheskesiana Giner Mari,1945*
- 1442. Cerceris circularis Schletterer,1887** (Crabronidae) Synonym(s): *circularis Schletterer,1887*
- 1443. Cerceris dispar Dahlbom,1845** (Crabronidae) Synonym(s): *dispar Dahlbom,1845*
- 1444. Cerceris eucharis Schletterer,1887** (Crabronidae) Synonym(s): *eucharis Schletterer,1887*
- 1445. Cerceris euryanthe Kohl,1888** (Crabronidae) Synonym(s): *euryanthe Kohl,1888; palaestina De Beaumont,1959 [ssp.]*
- 1446. Cerceris fimbriata (Rossi,1790)** (Crabronidae) Synonym(s): *fimbriata Rossi,1790*
- 1447. Cerceris flavilabris (Fabricius,1793)** (Crabronidae) Synonym(s): *flavilabris Fabricius,1793; laminata Eversmann,1849 [ssp.]*
- 1448. Cerceris inara De Beaumont,1967** (Crabronidae) Synonym(s): *inara De Beaumont,1967*
- 1449. Cerceris lunata A.Costa,1867** (Crabronidae) Synonym(s): *lunata A.Costa,1867*
- 1450. Cerceris maculicrus De Beaumont,1967** (Crabronidae) Synonym(s): *maculicrus De Beaumont,1967*
- 1451. Cerceris quadricinctus (Panzer,1799)** (Crabronidae) Synonym(s): *quadricinctus Panzer,1799*
- 1452. Cerceris rutila Giner Mari,1945** (Crabronidae) Synonym(s): *rutila Giner Mari,1945; mauromoustakisi Giner Mari,1945 [ssp.]*
- 1453. Cerceris sabulosa (Panzer,1799)** (Crabronidae) Synonym(s): *sabulosa Panzer,1799; emarginatus Panzer,1799; minuta Lepeletier,1845; superba Shestakov,1923*
- 1454. Cerceris seleukos K.Schmidt,2000** (Crabronidae) Synonym(s): *seleukos K.Schmidt,2000*

- 1455. *Cerceris specularis* A.Costa,1867** (Crabronidae) Synonym(s): *specularis* A.Costa,1867; *fergusoni* De Beaumont,1959 [ssp.]
- 1456. *Cerceris spinipectus* F.Smith,1856** (Crabronidae) Synonym(s): *spinipectus* F.Smith,1856; *spinolice* Schletterer,1887 [ssp.]
- 1457. *Cerceris straminea* Dufour,1853** (Crabronidae) Synonym(s): *straminea* Dufour,1853; *hebraea* De Beaumont,1959 [ssp.]
- 1458. *Cerceris stratonike* K.Schmidt,2000** (Crabronidae) Synonym(s): *stratonike* K.Schmidt,2000
- 1459. *Cerceris tuberculata* De Villers,1789** (Crabronidae) Synonym(s): *tuberculata* De Villers,1789; *rufipes* Fabricius,1787; *hispanica* Gmelin,1790; *major* Spinola,1808; *dufouriana* Fabre,1855; *semirufa* F.Smith,1856; *gemmina* Shestakov,1927 [ssp.]
- 1460. *Cerceris vagans* Radoszkowski,1877** (Crabronidae) Synonym(s): *vagans* Radoszkowski,1877
- 1461. *Crossocerus* (s.str.) *adhaesus* (Kohl,1915)** (Crabronidae) Synonym(s): *adhaesus* Kohl,1915
- 1462. *Crossocerus* (s.str.) *elongatulus* (Vander Linden,1829)** (Crabronidae) Synonym(s): *elongatulus* Vander Linden,1829; *annulatus* Lepeletier & Brullé,1835
- 1463. *Crossocerus* (s.str.) *tarsatus* (Shuckard,1837)** (Crabronidae) Synonym(s): *tarsatus* Shuckard,1837
- 1464. *Didineis latro* (De Beaumont,1967)** (Crabronidae) Synonym(s): *latro* De Beaumont,1967
- 1465. *Diodontus* (s.str.) *minutus* (Fabricius,1793)** (Crabronidae) Synonym(s): *minutus* Fabricius,1793
- 1466. *Dryudella tricolor* (Vander Linden,1829)** (Crabronidae) Synonym(s): *tricolor* Vander Linden,1829
- 1467. *Ectemnius* (Hypocrabro) *confinis* (Walker,1871)** (Crabronidae) Synonym(s): *confinis* Walker,1871
- 1468. *Ectemnius* (Hypocrabro) *meridionalis* (A.Costa,1871)** (Crabronidae) Synonym(s): *meridionalis* A.Costa,1871
- 1469. *Ectemnius* (Thyreocerus) *crassicornis* (Spinola,1838)** (Crabronidae) Synonym(s): *crassicornis* Spinola,1838
- 1470. *Entomognathus dentifer* (Noskiewicz,1929)** (Crabronidae) Synonym(s): *dentifer* Noskiewicz,1929
- 1471. *Gorytes foveolatus* Handlirsch,1888** (Crabronidae) Synonym(s): *foveolatus* Handlirsch,1888
- 1472. *Gorytes pleuripunctatus* (A.Costa,1859)** (Crabronidae) Synonym(s): *pleuripunctatus* A.Costa,1859
- 1473. *Gorytes quinquecinctus* (Fabricius,1793)** (Crabronidae) Synonym(s): *quinquecinctus* Fabricius,1793
- 1474. *Gorytes schmiedeknechtii* Handlirsch,1888** (Crabronidae) Synonym(s): *schmiedeknechtii* Handlirsch,1888
- 1475. *Harpactus coccineus* (Balthasar,1954)** (Crabronidae) Synonym(s): *coccineus* Balthasar,1954
- 1476. *Larra* (s.str.) *anathema* (Rossi,1790)** (Crabronidae) Synonym(s): *anathema* Rossi,1790; *ichneumoniformis* Fabricius,1793; *teutonus* Fabricius,1804; *grandis* Chevrier,1872; *melanaria* Kohl,1880
- 1477. *Lestica* (Solenius) *clypeata* (Schreber,1759)** (Crabronidae) Synonym(s): *clypeata* Schreber,1759; *ovatus* Christ,1791; *vexillatus* Panzer,1797; *lapidarius* Fabricius,1804; *nigridens* Herrich-Schäffer,1841; *quadrifer* Dufour,1841;
- 1478. *Lindenius anatolicus* Beaumont,1967** (Crabronidae) Synonym(s): *anatolicus* Beaumont,1967
- 1479. *Lindenius panzeri* (Vander Linden,1829)** (Crabronidae) Synonym(s): *panzeri* Vander Linden,1829
- 1480. *Liris* (Leptolarra) *niger* (Fabricius,1775)** (Crabronidae) Synonym(s): *niger* Fabricius,1775
- 1481. *Mimumesa unicolor* (Vander Linden,1829)** (Crabronidae) Synonym(s): *unicolor* Vander Linden,1829
- 1482. *Miscophus bicolor* Jurine,1807** (Crabronidae) Synonym(s): *bicolor* Jurine,1807
- 1483. *Miscophus lusitanicus* de Andrade,1952** (Crabronidae) Synonym(s): *lusitanicus* de Andrade,1952
- 1484. *Miscophus minutus* de Andrade,1953** (Crabronidae) Synonym(s): *minutus* de Andrade,1953
- 1485. *Nysson inornatus* de Beaumont,1967** (Crabronidae) Synonym(s): *inornatus* de Beaumont,1967



- 1486. Oxybelus haemorrhoidalis Olivier, 1812** (Crabronidae) Synonym(s): *haemorrhoidalis* Olivier, 1812
- 1487. Oxybelus quatuordecimnotatus Jurine, 1807** (Crabronidae) Synonym(s): *quatuordecimnotatus* Jurine, 1807; *crassipes* Walchenaer, 1817; *punctatus* Walchenaer, 1817; *parisinus* Kittel, 1828; *quatuordecimguttatus* Shuckard, 1837; *furcatus* Lepeletier, 1845; *raptor* Lepeletier, 1845; *timidus* Chevrier, 1868; *quadrinotatus* A. Costa, 1883; *venustus* Sickmann, 1894; *maritimus* Marquet, 1896
- 1488. Oxybelus subspinosus Klug, 1835** (Crabronidae) Synonym(s): *subspinosus* Klug, 1835; *fissus* Lepeletier, 1845
- 1489. Passaloecus pictus Ribaut, 1952** (Crabronidae) Synonym(s): *pictus* Ribaut, 1952
- 1490. Pemphredon austriaca Kohl, 1888** (Crabronidae) Synonym(s): *austriaca* Kohl, 1888
- 1491. Pemphredon lethifer (Shuckard, 1837)** (Crabronidae) Synonym(s): *lethifer* Shuckard, 1837
- 1492. Pemphredon mortifer Valkeila, 1972** (Crabronidae) Synonym(s): *mortifer* Valkeila, 1972
- 1493. Pemphredon rugifer (Dahlbom, 1844)** (Crabronidae) Synonym(s): *rugifer* Dahlbom, 1844
- 1494. Philanthus coarctatus Spinola, 1839** (Crabronidae) Synonym(s): *coarctatus* Spinola, 1839
- 1495. Psenulus meridionalis De Beaumont, 1937** (Crabronidae) Synonym(s): *meridionalis* De Beaumont, 1937
- 1496. Psenulus pallipes (Panzer, 1798)** (Crabronidae) Synonym(s): *pallipes* Panzer, 1798
- 1497. Solierella compedita (Piccioli, 1869)** (Crabronidae) Synonym(s): *compedita* Piccioli, 1869
- 1498. Solierella verhoeffi de Beaumont, 1964** (Crabronidae) Synonym(s): *verhoeffi* de Beaumont, 1964
- 1499. Sphecius antennatus (Klug, 1845)** (Crabronidae) Synonym(s): *antennatus* Klug, 1845; *aberrans* Eversmann, 1849; *impressus* Kokujev, 1909
- 1500. Stizus fasciatus (Fabricius, 1781)** (Crabronidae) Synonym(s): *fasciatus* Fabricius, 1781; *integra* Fabricius, 1793; *terminalis* Dahlbom, 1845
- 1501. Stizus pubescens (Klug, 1835)** (Crabronidae) Synonym(s): *pubescens* Klug, 1835
- 1502. Synnevrus decemmaculatus (Spinola, 1808)** (Crabronidae) Synonym(s): *decemmaculatus* Spinola, 1808
- 1503. Tachysphex brevipennis Mercet, 1909** (Crabronidae) Synonym(s): *brevipennis* Mercet, 1909
- 1504. Tachysphex brullii (F. Smith, 1856)** (Crabronidae) Synonym(s): *brullii* F. Smith, 1856; *galileus* de Beaumont, 1947
- 1505. Tachysphex consocius Kohl, 1892** (Crabronidae) Synonym(s): *consocius* Kohl, 1892
- 1506. Tachysphex fulvitaris (A. Costa, 1867)** (Crabronidae) Synonym(s): *fulvitaris* A. Costa, 1867
- 1507. Tachysphex helveticus Kohl, 1885** (Crabronidae) Synonym(s): *helveticus* Kohl, 1885
- 1508. Tachysphex incertus (Radoszkowski, 1877)** (Crabronidae) Synonym(s): *incertus* Radoszkowski, 1877
- 1509. Tachysphex julliani Kohl, 1883** (Crabronidae) Synonym(s): *julliani* Kohl, 1883
- 1510. Tachysphex latifrons Kohl, 1884** (Crabronidae) Synonym(s): *latifrons* Kohl, 1884
- 1511. Tachysphex nitidior de Beaumont, 1940** (Crabronidae) Synonym(s): *nitidior* de Beaumont, 1940
- 1512. Tachysphex nitidissimus de Beaumont, 1952** (Crabronidae) Synonym(s): *nitidissimus* de Beaumont, 1952
- 1513. Tachysphex panzeri (Vander Linden, 1829)** (Crabronidae) Synonym(s): *panzeri* Vander Linden, 1829
- 1514. Tachysphex pompiliformis (Panzer, 1805)** (Crabronidae) Synonym(s): *pompiliformis* Panzer, 1805; *nigripennis* Spinola, 1808; *dimidiata* Panzer, 1809; *jokischiana* Panzer, 1809; *parvula* Cresson, 1865; *quebecensis* Provancher, 1882; *decorus* W. Fox, 1894; *tenuipunctus* W. Fox, 1894; *consimilis* W. Fox, 1894; *rufoniger* Bingham, 1897; *projectus* Nurse, 1903; *argyrotrichus* Rohwer, 1911; *granulosus* Mickel, 1916; *erythraeus* Mickel, 1916; *angularis* Mickel, 1916
- 1515. Tachysphex psammobius (Kohl, 1880)** (Crabronidae) Synonym(s): *psammobius* Kohl, 1880
- 1516. Tachysphex tessellatus (Dahlbom, 1845)** (Crabronidae) Synonym(s): *tessellatus* Dahlbom, 1845
- 1517. Tachysphex unicolor (Panzer, 1809)** (Crabronidae) Synonym(s): *unicolor* Panzer, 1809
- 1518. Tachytes argenteus Gussakowski, 1933** (Crabronidae) Synonym(s): *argenteus* Gussakowski, 1933
- 1519. Tachytes etruscus (Rossi, 1790)** (Crabronidae) Synonym(s): *etruscus* Rossi, 1790
- 1520. Tachytes panzeri (Dufour, 1841)** (Crabronidae) Synonym(s): *panzeri* Dufour, 1841
- 1521. Tachytes tarsalis (Spinola, 1839)** (Crabronidae) Synonym(s): *tarsalis* Spinola, 1839

- 1522. Trypoxylon figulus (Linnaeus,1758)** (Crabronidae) Synonym(s): *figulus Linnaeus,1758*
- 1523. Trypoxylon medium de Beaumont,1945** (Crabronidae) Synonym(s): *medium de Beaumont,1945*
- 1524. Trypoxylon scutatum Chevrier,1867** (Crabronidae) Synonym(s): *scutatum Chevrier,1867*
- 1525. Aprostocetus bucculentus (Kostjukov,1978)** (Eulophidae) Synonym(s): *bucculentus Kostjukov,1978*
- 1526. Diglyphus chabrias (Walker,1838)** (Eulophidae) Synonym(s): *chabrias Walker,1838*
- 1527. Diglyphus crassinervis Erdős,1958** (Eulophidae) Synonym(s): *crassinervis Erdős,1958*
- 1528. Epomphale menes (Walker,1839)** (Eulophidae) Synonym(s): *menes Walker,1839; aculeo Walker,1848; brui Vuillet,1914; auriventris Girault,1915; vinctus Gahan,1932; rubensteina Girault,1934; rosilloi De Santis,1961*
- 1529. Guelsenia amanosus (M.Doğanlar, Gumovsky & O.Doğanlar,2009)** (Eulophidae) Synonym(s): *amanosus M.Doğanlar, Gumovsky & O.Doğanlar,2009*
- 1530. Quadrastichodella nova Girault,1922** (Eulophidae) Synonym(s): *nova Girault,1922; eucalypti Timberlake,1957; obscurata De Santis,1957*
- 1531. Quadrastichus dasineurae M.Doğanlar, Lasalle, Sertkaya & O.Doğanlar,2009** (Eulophidae) Synonym(s): *dasineurae M.Doğanlar, Lasalle, Sertkaya & O.Doğanlar,2009*
- 1532. Urfacus atcanacus M.Doğanlar & O.Doğanlar,2013** (Eulophidae) Synonym: *atcanacus M.Doğanlar & O.Doğanlar,2013*
- 1533. Urfacus bozovaensis M.Doğanlar & O.Doğanlar,2003** (Eulophidae) Synonym: *bozovaensis M.Doğanlar & O.Doğanlar,2003*
- 1534. Urfacus karkamisis M.Doğanlar & O.Doğanlar,2013** (Eulophidae) Synonym: *karkamisis M.Doğanlar & O.Doğanlar,2013*
- 1535. Urfacus komurcukurus M.Doğanlar & O.Doğanlar,2013** (Eulophidae) Synonym: *komurcukurus M.Doğanlar & O.Doğanlar,2013*
- 1536. Urfacus nizipus M.Doğanlar & O.Doğanlar,2013** (Eulophidae) Synonym: *nizipus M.Doğanlar & O.Doğanlar,2013*
- 1537. Urfacus sincanus M.Doğanlar & O.Doğanlar,2013** (Eulophidae) Synonym: *sincanus M.Doğanlar & O.Doğanlar,2013*
- 1538. Eurytoma amygdali Enderlein,1907** (Eurytomidae) Synonym(s): *amygdali Enderlein,1907*
- 1539. Evania appendigaster (Linnaeus,1758)** (Evaniidae) Synonym(s): *appendigaster Linnaeus,1758*
- 1540. Evania dimidiata Fabricius,1804** (Evaniidae) Synonym(s): *dimidiata Fabricius,1804*
- 1541. Acantholepis frauenfeldi (Mayr,1855)** (Formicidae) Synonym(s): *frauenfeldi Mayr,1855*
- 1542. Gasteruption tournieri (Schletterer,1885)** (Gasteruptionidae) Synonym(s): *ournieri Schletterer,1885*
- 1543. Pentacladia hatayensis Doğanlar,2003** (Eupelmidae) Synonym(s): *hatayensis Doğanlar,2003*
- 1544. Halictus (s.str.) brunnescens (Eversmann,1852)** (Halictidae) Synonym(s): *brunnescens Eversmann,1852; maximus Friese,1916; aegyptiacus Friese,1916*
- 1545. Halictus (s.str.) quadricinctus (Fabricius,1776)** (Halictidae) Synonym(s): *quadricinctus Fabricius,1776; hortensis Geoffroy,1785; quadristrigatus Latreille,1805; grandis Illiger,1806*
- 1546. Lasioglossum (Evylaeus) damascenum (Pérez,1910)** (Halictidae) Synonym(s): *damascenum Pérez,1910; semitommentosus Blüthgen,1923*
- 1547. Lasioglossum (Evylaeus) mesosclerum (Pérez,1903)** (Halictidae) Synonym(s): *mesosclerum Pérez,1903; rhodosianus Strand,1909; balnearum Ebmer,1974; bubulcus Warncke,1982*
- 1548. Lasioglossum (Evylaeus) pressithorax Ebmer,1973** (Halictidae) Synonym(s): *pressithorax Ebmer,1973*
- 1549. Lasioglossum (Evylaeus) skorikovi (Blüthgen,1929)** (Halictidae) Synonym(s): *skorikovi Blüthgen,1929; samarkandinum Blüthgen,1931*
- 1550. Lasioglossum (Evylaeus) sociorum (Blüthgen,1924)** (Halictidae) Synonym(s): *sociorum Blüthgen,1924*
- 1551. Lasioglossum (s.str.) cristulum (Pérez,1895)** (Halictidae) Synonym(s): *cristulum Pérez,1895; mesoleus Cockerell,1938; donatum Warncke,1975; #cristulam Grace,2010*
- 1552. Lasioglossum (s.str.) fahringeri Friese,1921** (Halictidae) Synonym(s): *fahringeri Friese,1921*
- 1553. Lasioglossum (s.str.) leucozonium (Schrank,1781)** (Halictidae) Synonym(s): *leucozonium Schrank,1781; leucostoma Schrank,1781; similis Smith,1853; bifasciatellus Schenck,1875; nigrotibialis Dalla Torre,1877; deiphobus Bingham,1908; clusium Warncke,1975; cedri Ebmer,1976*
- 1554. Anomalon cruentatum (Geoffroy,1785)** (Ichneumonidae) Synonym(s): *cruentatum Geoffroy,1785*



- 1555. Aritranis buccatus (Tschek,1872)** (Ichneumonidae) **Synonym(s):** *buccatus* Tschek,1872
- 1556. Aritranis nigripes (Gravenhorst,1829)** (Ichneumonidae) **Synonym(s):** *nigripes* Gravenhorst,1829; *gracilis* Taschenberg,1865
- 1557. Chromoplex picticollis (Thomson,1887)** (Ichneumonidae) **Synonym(s):** *picticollis* Thomson,1887
- 1558. Cosmoconus elongator (Fabricius,1775)** (Ichneumonidae) **Synonym(s):** *elongator* Fabricius,1775
- 1559. Diphyus montivagans (Berthoumieu,1896)** (Ichneumonidae) **Synonym(s):** *montivagans* Berthoumieu,1896
- 1560. Exeristes roborator (Fabricius,1793)** (Ichneumonidae) **Synonym(s):** *roborator* Fabricius,1793
- 1561. Grasseiteles ciliator Aubert,1968** (Ichneumonidae) **Synonym(s):** *ciliator* Aubert,1968
- 1562. Lathrolestes fascialis Reshchikov,2011** (Ichneumonidae) **Synonym(s):** *fascialis* Reshchikov,2011
- 1563. Lathrolestes zoticus Reshchikov,2011** (Ichneumonidae) **Synonym(s):** *zoticus* Reshchikov,2011
- 1564. Netelia (s.str.) fuscicornis (Holmgren,1860)** (Ichneumonidae) **Synonym(s):** *fuscicornis* Holmgren,1860; *gracilipes* Thomson,1888
- 1565. Netelia (s.str.) testacea (Gravenhorst,1829)** (Ichneumonidae) **Synonym(s):** *testacea* Gravenhorst,1829; *opacula* Thomson,1888; *melanurus* Thomson,1888; *fuscicarpus* Kokujev,1899
- 1566. Otlophorus inflammator Aubert,1970** (Ichneumonidae) **Synonym(s):** *inflammator* Aubert,1970
- 1567. Leucospis dorsigera (Fabricius,1775)** (Leucospidae) **Synonym(s):** *dorsigera* Fabricius,1775; *passaviensis* Schrank,1782; *coelogaster* Hochenwarth,1785; *dubia* Schrank,1802; *dispar* Fabricius,1804; *algorica* Walker,1862; *turkestanica* Radoszkowski,1886
- 1568. Anthidium (Trachusa) pubescens Morawitz,1872** (Megachilidae) **Synonym(s):** *pubescens* Morawitz,1872; *maximum* Friese,1931; *verhoeffi* Mavromoustakis,1955
- 1569. Anthidium (Archianthidium) laticeps Morawitz,1873** (Megachilidae) **Synonym(s):** *laticeps* Morawitz,1873; *fasciatellum* Friese,1917; *anatolicum* Mavromoustakis,1939
- 1570. Anthidium (Archianthidium) forcipatum Morawitz,1875** (Megachilidae) **Synonym(s):** *forcipatum* Morawitz,1875; *edentatum* Friese,1931
- 1571. Anthidium (Anthidiellum) strigatum (Panzer,1805)** (Megachilidae) **Synonym(s):** *strigatum* Panzer,1805; *contractum* Latreille,1809; *frontale* Lepeletier,1841; *minusculum* Nylander,1852; *coronatum* Dufour,1853; *decoratum* Chevrier,1872; *luteum* Friese,1897; *rubellum* Friese,1917; *cyrenaicum* Gribodo,1924; *pauperculum* Cockerell,1928; *crassepunctatum* Popov,1935; *palaestinense* Alfken,1935; *ibericum* Alfken,1936; *judaicum* Alfken,1936; *humerales* Alfken,1936
- 1572. Eoanthidium (s.str.) insulare (Morawitz,1873)** (Megachilidae) **Synonym(s):** *insulare* Morawitz,1873; *persicolum* Mavromoustakis,1937; *lemesium* Mavromoustakis,1937
- 1573. Anthidium (Rhodanthidium) septemdentatum (Latreille,1809)** (Megachilidae) **Synonym(s):** *septemdentatum* Latreille,1809; *rufiventre* Brullé,1832; *quadridentatum* Lepeletier,1841; *fuscipenne* Lepeletier,1841; *binominatum* Smith,1854; *sexlineatum* Chevrier,1872; *fasciale* Friese,1917; *rufocinctum* Alfken,1930; *nigrosetosum* Stanek,1968
- 1574. Anthidium (s.str.) punctatum Latreille,1809** (Megachilidae) **Synonym(s):** *punctatum* Latreille,1809; *minus* Nylander,1848; *senile* Eversmann,1852; *greyi* Radoszkowski,1862; *albidulum* Chevrier,1872; *nigrinum* Morawitz,1875; *nitidulum* Morawitz,1894; *mayeti* Pérez,1895; *albofasciatum* Friese,1897; *fulvipes* Friese,1897; *kohlili* Friese,1897; *bequaerti* Alfken,1914; *amanusense* Dusmet,1915; *ariasii* Dusmet,1915; *nigritulum* Friese,1917; *suecicum* Alfken,1927
- 1575. Anthidium (s.str.) dalmaticum Mocsary,1884** (Megachilidae) **Synonym(s):** *dalmaticum* Mocsary,1884; *syriacum* Dusmet,1915
- 1576. Anthidium (s.str.) diadema Latreille,1809** (Megachilidae) **Synonym(s):** *diadema* Latreille,1809; *ornatum* Lepeletier,1841; *albiventre* Lepeletier,1841; *radoszkowskyi* Mocsary,1887; *seraxense* Radoszkowski,1893; *terminale* Morawitz,1894; *caucasicum* Friese,1897
- 1577. Coelioxys (Liothyrapis) decipiens Spinola,1838** (Megachilidae) **Synonym(s):** *decipiens* Spinola,1838; *cretensis* Förster,1853; *farinosa* Smith,1854; *albofasciata* Radoszkowski,1888; *seraxensis* Radoszkowski,1893; *aberrans* Morawitz,1895; *decemdentata* Pérez,1902; *proxima* Friese,1925; *proximata* Popov,1946; *sinuata* Stanek,1968
- 1578. Chalicodoma (Euchalicodoma) montenegrensis (Dours,1873)** (Megachilidae) **Synonym(s):** *montenegrensis* Dours,1873
- 1579. Megachile (Xanthosarus) boops Friese,1921** (Megachilidae) **Synonym(s):** *boops* Friese,1921
- 1580. Chelostoma (s.str.) grande (Nylander,1852)** (Megachilidae) **Synonym(s):** *grande* Nylander,1852

- 1581. Chelostoma (Foveosmia) bytinskii (Mavromoustakis,1948)** (Megachilidae)  
Synonym(s): *bytinskii* Mavromoustakis,1948
- 1582. Chelostoma (Foveosmia) palaestina (Benoist,1935)** (Megachilidae) Synonym(s):  
*palaestina* Benoist,1935
- 1583. Chelostoma (Foveosmia) schlettereri (Friese,1899)** (Megachilidae) Synonym(s):  
*schlettereri* Friese,1899; *palaestina* Benoist,1935; *pici* Benoist,1935
- 1584. Chelostoma (Foveosmia) isabellinum (Warncke,1991)** (Megachilidae) Synonym(s):  
*isabellinum* Warncke,1991
- 1585. Hoplitis (Megalosmia) fulva (Eversmann,1852)** (Megachilidae) Synonym(s): *fulva*  
Eversmann,1852; *grandis* Morawitz,1872
- 1586. Hoplitis (Pentadentoscia) ridibunda (Warncke,1991)** (Megachilidae) Synonym(s):  
*ridibunda* Warncke,1991
- 1587. Hoplitis (Alcidamea) limassolica (Mavromoustakis,1937)** (Megachilidae)  
Synonym(s): *limassolica* Mavromoustakis,1937
- 1588. Osmia (Helicosmia) dimidiata Morawitz,1870** (Megachilidae) Synonym(s): *dimidiata*  
Morawitz,1870; *taurica* Radoszkowski,1874; *rossica* Friese,1899
- 1589. Osmia (Helicosmia) aurulenta (Panzer,1799)** (Megachilidae) Synonym(s): *aurulenta*  
Panzer,1799; *haematoda* Panzer,1801
- 1590. Megachile foersteri Gerstäcker,1869** (Megachilidae) Synonym(s): *foersteri*  
Gerstäcker,1869
- 1591. Megalodontes quinlani Springate, Burckardt & Springate,2011**  
(Megalodontesidae) Synonym(s): *quinlani* Springate, Burckardt & Springate,2011
- 1592. Megalodontes judaicus (Lepeletier,1823)** (Megalodontesidae) Synonym(s): *judaicus*  
Lepeletier,1823; *caesariensis* Lepeletier,1823; *leucostictus* Zaddach,1865; *punctatus* Konow,1898; *candidatus*  
Konow,1899
- 1593. Megalodontes escaleraei Konow,1899** (Megalodontesidae) Synonym(s): *escaleraei*  
Konow,1899
- 1594. Dasypoda (Megadasypoda) aurata Rudow,1881** (Melittidae) Synonym(s): *suripes*  
Christ,1791; *aurata* Rudow,1881; *spectabilis* Rudow,1881; *mixta* Radoszkowski,1887; *thomsoni* Schletterer,1890
- 1595. Dasypoda (s.str.) tubera Warncke,1973** (Melittidae) Synonym(s): *tubera* Warncke,1973
- 1596. Smicromyrme (Eremotilla) schwarzi Suarez,1975** (Mutillidae) Synonym(s): *schwarzi*  
Suarez,1975
- 1597. Dasylabris (Craspedopyga) mandersternii (Radoszkowski,1865)** (Mutillidae)  
Synonym(s): *mandersternii* Radoszkowski,1865; *cypria* Sichel & Radoszkowski,1870 [ssp.]
- 1598. Agenioideus nubecula (Costa,1874)** (Pompilidae) Synonym(s): *nubecula* Costa,1874;  
*tristis* Priesner,1965
- 1599. Anoplius concinnus (Dahlbom,1845)** (Pompilidae) Synonym(s): *concinnus* Dahlbom,1845
- 1600. Anoplius infuscatus (Van der Linden,1827)** (Pompilidae) Synonym(s): *infuscatus* Van  
der Linden,1827; *meticulosus* Costa,1882
- 1601. Anoplius viaticus (Linnaeus,1758)** (Pompilidae) Synonym(s): *viaticus* Linnaeus,1758;  
*fusca* Linnaeus,1761; *paganus* Dahlbom,1843; *propinquus* SWmith,1879; *delatorius* Tournier,1890; *immixtus*  
Tournier,1890; *macrurus* Tournier,1890; *pleuropicus* Tournier,1890; *tibialis* Tournier,1890; *valesicus* Tournier,1890;  
*holomelas* Mantero,1905
- 1602. Anospilus orbitalis (Costa,1863)** (Pompilidae) Synonym(s): *orbitalis* Costa,1863
- 1603. Aporinellus moestus (Klug,1834)** (Pompilidae) Synonym(s): *moestus* Klug,1834;  
*sericeomaculatus* Kohl,1888
- 1604. Auplopus carbonarius (Scopoli,1763)** (Pompilidae) Synonym(s): *carbonarius*  
Scopoli,1763
- 1605. Auplopus rectus (Haupt,1927)** (Pompilidae) Synonym(s): *rectus* Haupt,1927; *ater*  
Haupt,1930
- 1606. Batozonellus lacerticida (Pallas,1771)** (Pompilidae) Synonym(s): *lacerticida* Pallas,1771
- 1607. Ceropales bipartita Haupt,1962** (Pompilidae) Synonym(s): *bipartita* Haupt,1962; *flava*  
Moczar,1987
- 1608. Ceropales helvetica Tournier,1889** (Pompilidae) Synonym(s): *helvetica* Tournier,1889
- 1609. Cryptocheilus discolor (Fabricius,1793)** (Pompilidae) Synonym(s): *discolor*  
Fabricius,1793
- 1610. Cryptocheilus exiguus Sustera,1924** (Pompilidae) Synonym(s): *exiguus* Sustera,1924
- 1611. Cryptocheilus fischeri (Spinola,1855)** (Pompilidae) Synonym(s): *fischeri* Spinola,1855
- 1612. Cryptocheilus freygessneri (Kohl,1883)** (Pompilidae) Synonym(s): *freygessneri*  
Kohl,1883; *differens* Priesner,1967
- 1613. Cryptocheilus gazella Haupt,1962** (Pompilidae) Synonym(s): *gazella* Haupt,1962



- 1614. *Cryptocheilus ichneumonoides* (Costa,1874)** (Pompilidae) **Synonym(s):** *ichneumonoides* Costa,1874
- 1615. *Cryptocheilus octomaculatus* (Rossi,1790)** (Pompilidae) **Synonym(s):** *octomaculatus* Rossi,1790; *eatonii* Saunders,1901
- 1616. *Cryptocheilus rubellus* (Eversmann,1846)** (Pompilidae) **Synonym(s):** *rubellus* Eversmann,1846
- 1617. *Cryptocheilus rufatus* Priesner,1967** (Pompilidae) **Synonym(s):** *rufatus* Priesner,1967
- 1618. *Cryptocheilus stygium* Priesner,1967** (Pompilidae) **Synonym(s):** *stygium* Priesner,1967
- 1619. *Cryptocheilus susterai* (Haupt,1930)** (Pompilidae) **Synonym(s):** *susterai* Haupt,1930
- 1620. *Cryptocheilus tredecimmaculatus* Haupt,1962** (Pompilidae) **Synonym(s):** *tredecimmaculatus* Haupt,1962
- 1621. *Cryptocheilus variabilis* (Rossi,1790)** (Pompilidae) **Synonym(s):** *variabilis* Rossi,1790; *nigripes* Priesner,1967
- 1622. *Ctenagenia ozbeki* Wahis,2002** (Pompilidae) **Synonym(s):** *ozbeki* Wahis,2002
- 1623. *Dipogon (Deuteragenia) variegatus* (Linnaeus,1758)** (Pompilidae) **Synonym(s):** *variegatus* Linnaeus,1758; *erythropus* Kohl,1888
- 1624. *Eoferreola anatolica* Piesner,1973** (Pompilidae) **Synonym(s):** *anatolica* Piesner,1973
- 1625. *Eoferreola anomala* (Piesner,1955)** (Pompilidae) **Synonym(s):** *anomala* Piesner,1955
- 1626. *Eoferreola erythraea* (Pallas,1773)** (Pompilidae) **Synonym(s):** *erythraea* Pallas,1773; *sirdariensis* Radoszkowski,1889
- 1627. *Episyron albonotatum* (Van der Linden,1827)** (Pompilidae) **Synonym(s):** *albonotatum* Van der Linden,1827
- 1628. *Evagetes elongatus* Lepeletier,1845** (Pompilidae) **Synonym(s):** *elongatus* Lepeletier,1845; *infernalis* Wolf,1970
- 1629. *Evagetes pectinipes* (Linnaeus,1758)** (Pompilidae) **Synonym(s):** *pectinipes* Linnaeus,1758; *trispinosus* Kohl,1886; *mediterraneus* Wolf,1970
- 1630. *Evagetes tumidosus* (Tournier,1890)** (Pompilidae) **Synonym(s):** *tumidosus* Tournier,1890; *lusaticus* Blüthgen,1944; *sinuatus* Haupt,1969; *tumidinus* Wolf,1970
- 1631. *Ferreola dimidiata* (Van der Linden,1827)** (Pompilidae) **Synonym(s):** *dimidiata* Van der Linden,1827
- 1632. *Ferreola sagax* (Kohl,1886)** (Pompilidae) **Synonym(s):** *sagax* Kohl,1886
- 1633. *Hemipepsis mauritanica* (Linnaeus,1767)** (Pompilidae) **Synonym(s):** *mauritanica* Linnaeus,1767; *barbara* Lepeletier,1845
- 1634. *Microphadnus insperatus* Priesner,1967** (Pompilidae) **Synonym(s):** *insperatus* Priesner,1967
- 1635. *Microphadnus pumilus* (Costa,1882)** (Pompilidae) **Synonym(s):** *pumilus* Costa,1882
- 1636. *Pedinpompilus atatuerki* (Wolf,1960)** (Pompilidae) **Synonym(s):** *atatuerki* Wolf,1960
- 1637. *Priocnemis fastigiata* Haupt,1934** (Pompilidae) **Synonym(s):** *fastigiata* Haupt,1934
- 1638. *Priocnemis gracilis* Haupt,1927** (Pompilidae) **Synonym(s):** *gracilis* Haupt,1927
- 1639. *Priocnemis minuta* (Van der Linden,1827)** (Pompilidae) **Synonym(s):** *minuta* Van der Linden,1827; *italica* Haupt,1934
- 1640. *Priocnemis schioedtei* Haupt,1926** (Pompilidae) **Synonym(s):** *schioedtei* Haupt,1926
- 1641. *Tachyagetes filicornis* (Tornier,1890)** (Pompilidae) **Synonym(s):** *filicornis* Tornier,1890; *rubescens* Haupt,1929; *funebri* Priesner,1965; *graecus* Priesner,1965
- 1642. *Tachyagetes leucocnemis* Haupt,1930** (Pompilidae) **Synonym(s):** *leucocnemis* Haupt,1930
- 1643. *Xenaporus schmidtii* Priesner,1967** (Pompilidae) **Synonym(s):** *schmidtii* Priesner,1967
- 1644. *Mocsarya syriaca* Benson,1936** (Orussidae) **Synonym(s):** *syriaca* Benson,1936
- 1645. *Gugolzia melengicia* M.Doğanlar & O.Doğanlar,2010** (Pteromalidae) **Synonym(s):** *melengicia* M.Doğanlar & O.Doğanlar,2010
- 1646. *Sapyga (s.str.) gusenleitneri* Kurzenko,1994** (Sapygidae) **Synonym(s):** *gusenleitneri* Kurzenko,1994
- 1647. *Trissolcus djadetshko* (Rjachovsky,1959)** (Scelionidae) **Synonym(s):** *djadetshko* Rjachovsky,1959
- 1648. *Trissolcus grandis* (Thomson,1860)** (Scelionidae) **Synonym(s):** *grandis* Thomson,1860; *frontalis* Thomson,1860; *nigripes* Thomson,1860; *nigritus* Thomson,1860; *nixomartini* Javahery,1968; *silwoodensis* Javahery,1968
- 1649. *Trissolcus pseudoturesis* (Rjachovsky,1959)** (Scelionidae) **Synonym(s):** *pseudoturesis* Rjachovsky,1959; *rossicus* Rjachovsky,1959
- 1650. *Trissolcus semistriatus* (Nees ab Esenbeck,1834)** (Scelionidae) **Synonym(s):** *semistriatus* Nees ab Esenbeck,1834; *grandis sensu* Mayr,1897

- 1651. Trissolcus simoni (Mayr,1897)** (Scelionidae) Synonym(s): *simoni* Mayr,1897; *scutellaris* Masner,1958; *vassilievi* sensu Viktorov,1960; *reticulatus* Delucchi,1961
- 1652. Trissolcus vassilievi (Mayr,1903)** (Scelionidae) Synonym(s): *vassilievi* Mayr,1903; *rufiventris* Rubstov,1944; *scutellaris* Masner,1958
- 1653. Colpa quinquecincta (Fabricius,1775)** (Scoliidae) Synonym(s): *villosa* Fabricius,1775; *quinquecincta* Fabricius,1775; *abdominalis* Spinola,1806; *continua* Leeletier,1845
- 1654. Dasyscolia ciliata (Fabricius,1787)** (Scoliidae) Synonym(s): *ciliata* Fabricius,1787; *araratica* Radoskovsky,1890; *fastuosa* Gribodo,1893
- 1655. Scolia (s.str.) fallax Eversmann,1849** (Scoliidae) Synonym(s): *fallax* Eversmann,1849; *syriacola* Betrem,1935; *moreana* Muche,1962; *tricolor* Bradley,1972
- 1656. Scolia galbula (Pallas,1771)** (Scoliidae) Synonym(s): *galbula* Pallas,1771; *tricolor* Pallas,1771; *quadriceincta* Scopoli,1786; *notata* Fabricius,1787; *bifasciata* Rossi,1790; *tridens* Fabricius,1793; *elisabethae* Muche,1962
- 1657. Scolia hirta (Schränk,1781)** (Scoliidae) Synonym(s): *hirta* Schränk,1781; *bicincta* Scopoli,1786; *unifasciata* Cyrillo,1787; *alutus* Nagy,1967; *mongolina* Nagy,1970
- 1658. Ammophila heydeni Dahlbom,1845** (Sphecidae) Synonym(s): *heydeni* Dahlbom,1845; *iberica* André,1886
- 1659. Chilosphex argyrius (Brullé,1833)** (Sphecidae) Synonym(s): *argyrius* Brullé,1833
- 1660. Isodontia splendidula (A.Costa,1858)** (Sphecidae) Synonym(s): *splendidula* A.Costa,1858
- 1661. Palmodes occitanicus (Lepeletier & Audinet-Serville,1828)** (Sphecidae) Synonym(s): *occitanicus* Lepeletier & Audinet-Serville,1828; *syriacus* Mocsary,1881; *puncticollis* Kohl,1888
- 1662. Podalonia hirsuta (Scopoli,1763)** (Sphecidae) Synonym(s): *hirsuta* Scopoli,1763
- 1663. Sceliphron (s.str.) arabs (Lepeletier,1845)** (Sphecidae) Synonym(s): *arabs* Lepeletier,1845; *caucasicus* André,1888
- 1664. Sceliphron (s.str.) destillatorium (Illiger,1807)** (Sphecidae) Synonym(s): *flavipes* Christ,1791 nec Fabr.,1781; *destillatorium* Illiger,1807; *pensilis* Illiger,1807; *sardonius* Lepeletier,1845; *sardous* Caruccio,1872; *trinacriensis* De Stefani Perez,1889
- 1665. Sceliphron (s.str.) sprifex (Linnaeus,1758)** (Sphecidae) Synonym(s): *sprifex* Linnaeus,1758; *aegyptius* Linnaeus,1758; *atra* Scopoli,1786; *aegyptiacum* Dalla Torrwe,1897
- 1666. Sphecx (s.str.) funerarius Gussakowski,1934** (Sphecidae) Synonym(s): *funerarius* Gussakowski,1934
- 1667. Sphecx (s.str.) leuconotus Brullé,1833** (Sphecidae) Synonym(s): *leuconotus* Brullé,1833
- 1668. Athalia rosae (Linnaeus,1758)** (Tenthredinidae) Synonym(s): *rosae* Linnaeus,1758; *spinarum* Fabricius,1775; *salicis* Schränk,1781 nec Linn.,1758; *colibri* Christ,1791; *centifoliae* Panzer,1798
- 1669. Macrophya blanda Fabricius,1775** (Tenthredinidae) Synonym(s): *blanda* Fabricius,1775; *solitaria* Schränk,1781 nec Scop.,1763; *ligustrina* Geoffroy,1785; *cylindrica* Fabricius,1804; *lacrymosa* Audinet-Serville,1823; *cognata* Fallén,1829; *nyctea* Fischer de Waldheim,1843
- 1670. Tenthredo (Zonuledo) zonula Klug,1817** (Tenthredinidae) Synonym(s): *fasciata* Scopoli,1763 nec Linn.,1758; *bifasciata* Geoffroy,1785 nec Müll.,1766; *bicictaflava* Christ,1791; *zonula* Klug,1817; *similis* Mocsary,1880; *nazarensis* André; *serena* Konow; *calcaratus* André,1881; *scutellaris* Konow,1898
- 1671. Tenthredopsis albonotata (Brullé,1832)** (Tenthredinidae) Synonym(s): *albonotata* Brullé,1832; *propinqua* Mocsary,1880 nec Klug,1817
- 1672. Tiphia femorata Fabricius,1775** (Tiphidae) Synonym(s): *femorata* Fabricius,1775
- 1673. Tiphia minuta Van der Linden,1827** (Tiphidae) Synonym(s): *minuta* Van der Linden,1827
- 1674. Tiphia persica Turner,1908** (Tiphidae) Synonym(s): *persica* Turner,1908
- 1675. Adontomerus amygdali (Boucek,1958)** (Torymidae) Synonym(s): *amygdali* Boucek,1958
- 1676. Allodynerus rossii (Lepeletier,1841)** (Vespidae) Synonym(s): *rossii* Lepeletier,1841
- 1677. Ancistrocerus auctus (Fabricius,1793)** (Vespidae) Synonym(s): *auctus* Fabricius,1793
- 1678. Delta unguiculatum (Villers,1789)** (Vespidae) Synonym(s): *unguiculatum* Villers,1789; *coangustata* Rossi,1790; *cursor* Christ,1791; *lapidica* Christ,1791; *infundibuliformis* Olivier,1791; *dumetorum* Panzer,1799; *olivieri* Lepeletier,1841; *huberti* Saussure,1852; *sporadense* Schulthess,1929
- 1679. Eumenes dubius Saussure,1852** (Vespidae) Synonym(s): *dubius* Saussure,1852
- 1680. Eumenes jarkandensis Blüthgen,1938** (Vespidae) Synonym(s): *jarkandensis* Blüthgen,1938; *turanicus* Blüthgen,1943
- 1681. Eumenes mediterraneus (Kriechbaumer,1879)** (Vespidae) Synonym(s): *mediterraneus* Kriechbaumer,1879; *housaki* Giordani Soika,1952; *anatolicus* Giordani Soika,1952
- 1682. Eumenes subpomiformis Blüthgen,1938** (Vespidae) Synonym(s): *subpomiformis* Blüthgen,1938
- 1683. Euodynerus (s.str.) curictensis Blüthgen,1940** (Vespidae) Synonym(s): *curictensis* Blüthgen,1940; *comosellus* Gusenleitner,1971
- 1684. Euodynerus (s.str.) disconotatus (Lichtenstein,1884)** (Vespidae) Synonym(s): *disconotatus* Lichtenstein,1884



- 1685. Eustenancistrocerus (Parastenancistrocerus) amadanensis (Saussure,1855)** (Vespidae) Synonym(s): *amadanensis* Saussure,1855; *turca* Saussure,1863; *transitorius* Morawitz,1867; *lobatus* André,1883; *iranensis* Giordani Soika,1943; *flavellus* Giordani Soika,1952; *hoberlandti* Giordani Soika,1952
- 1686. Leptochilus (Neoleptochilus) regulus Saussure,1855** (Vespidae) Synonym(s): *regulus* Saussure,1855; *gallicus* Saussure,1855; *calabricus* Gribodo,1881; *siculus* De Stefani,1883; *costae* Costa,1884; *buyssoni* Medina,1891; *pauli* Medina,1892; *perforatus* Dusmet,1903; *obtusidentatus* Maidl,1922; *wuczeticzi* Kostylev,1928
- 1687. Leptochilus kemali Gusenleitner,1977** (Vespidae) Synonym(s): *kemali* Gusenleitner,1977
- 1688. Odynerus (s.str.) melanocephalus (Gmelin,1790)** (Vespidae) Synonym(s): *melanocephalus* Gmelin,1790; *dentipes* Herrich-Schäffer,1839; *serripes* Taschenberg,1866; *sareptanus* André,1884; *armeniacus* Morawitz,1885; *combinata* Blüthgen,1940; *luxuriosa* Blüthgen,1955; *cypriacus* Eck,1971
- 1689. Paragymnomerus amitinorum Blüthgen,1938** (Vespidae) Synonym(s): *amitinorum* Blüthgen,1938
- 1690. Parodontodynerus ephippium (Klug,1817)** (Vespidae) Synonym(s): *ephippium* Klug,1817
- 1691. Polistes (s.str.) associus Kohl,1898** (Vespidae) Synonym(s): *associus* Kohl,1898
- 1692. Polistes (s.str.) biglumis (Linnaeus,1758)** (Vespidae) Synonym(s): *biglumis* Linnaeus,1758; *alpium* Blüthgen,1957
- 1693. Polistes (s.str.) dominula (Christ,1791)** (Vespidae) Synonym(s): *dominulus* Christ,1791; *bucharensis* Erichson,1949; *muchei* Gusenleitner,1976
- 1694. Polistes (s.str.) gallicus (Linnaeus,1767)** (Vespidae) Synonym(s): *gallicus* Linnaeus,1767; *foederatus* Kohl,1898; *omissus* Weyrauch,1939
- 1695. Rhynchium oculatum (Fabricius,1781)** (Vespidae) Synonym(s): *oculatum* Fabricius,1781; *lefebri* Lepeletier,1841; *leviscutis* Cameron,1908; *distinguendum* Buysson,1913; *hebraeum* Giordani Soika,1952; *adenense* Giordani Soika,1952; *ibericum* Giordani Soika,1966
- 1696. Stenodynerus aequisculptus (Kostylev,1940)** (Vespidae) Synonym(s): *aequisculptus* Kostylev,1940
- 1697. Stenodynerus chevrieranus (Saussure,1855)** (Vespidae) Synonym(s): *chevrieranus* Saussure,1855
- 1698. Syneuodynerus egregius (Herrich-Schäffer,1839)** (Vespidae) Synonym(s): *egregius* Herrich-Schäffer,1839
- 1699. Tachyancistrocerus rhodensis (Saussure,1855)** (Vespidae) Synonym(s): *rhodensis* Saussure,1855; *sulcatus* André,1883
- 1700. Vespa orientalis Linnaeus,1771** (Vespidae) Synonym(s): *orientalis* Linnaeus,1771; *turcica* Drury,1773; *quadripunctata* Forskal,1775; *fusca* Christ,1791; *aegyptiaca* Vallot,1802; *nilotica* Vallot,1802; *jurinei* Saussure,1854; *zavattarii* Guiglia & Capra,1933; *somalica* Giordani Soika,1934; *arabica* Giordani Soika,1957
- 1701. Vespa germanica (Fabricius,1793)** (Vespidae) Synonym(s): *germanica* Fabricius,1793

## Coleoptera

Following 33 families, Apionidae, Attelabidae, Brachyceridae, Bruchidae, Buprestidae, Cantharidae, Carabidae, Cerambycidae, Chrysomelidae, Cleridae, Coccinellidae, Curculionidae, Dermestidae, Dytiscidae, Elateridae, Glaphyridae, Gyrinidae, Helophoridae, Histeridae, Hydrophilidae, Lampyridae, Lucanidae, Meloidae, Melyridae, Phengodidae, Nitidulidae, Oedemeridae, Pyrochroidae, Scarabaeidae, Scirtidae, Silphidae, Staphylinidae, and Tenebrionidae, are represented by 417 species in the province.

- 1702. Alocentron (s.str.) curvirostre (Gyllenhal,1833)** (Apionidae) Synonym(s): *curvirostre* Gyllenhal,1833
- 1703. Ceratapion (s.str.) carduorum (W.Kirby,1808)** (Apionidae) Synonym(s): *carduorum* W.Kirby,1808
- 1704. Omphalapion dispar (Germar,1817)** (Apionidae) Synonym(s): *dispar* Germar,1817
- 1705. Perapion marchicum (Herbst,1797)** (Apionidae) Synonym(s): *marchicum* Herbst,1797
- 1706. Perapion violaceum (Kirby,1808)** (Apionidae) Synonym(s): *violaceum* Kirby,1808
- 1707. Auletobius politus Voss,1934** (Attelabidae) Synonym(s): *politus* Voss,1934
- 1708. Attelabus nitens (Scopoli,1763)** (Attelabidae) Synonym(s): *nitens* Scopoli,1763; *curculionoides* Linnaeus,1767; *coryli* Müller,1776; *maculipes* Rondani,1833
- 1709. Attelabus sulcifrons (Argod,1895)** (Attelabidae) Synonym(s): *sulcifrons* Argod,1895
- 1710. Attelabus suturalis Jekel,1860** (Attelabidae) Synonym(s): *suturalis* Jekel,1860

- 1711. Coenorrhinus aequatus (Linnaeus,1767)** (Attelabidae) **Synonym(s):** *aequatus* Linnaeus,1767; *purpureus* Goeze,1777; *ruber* Geoffroy,1785; *bicolor* Rossi,1790; *rufipes* Sturm,1826; *ruber* Fairmaire,1859; *paykulli* Schilsky,1903
- 1712. Coenorrhinus germanicus (Herbst,1797)** (Attelabidae) **Synonym(s):** *germanicus* Herbst,1797; *rugipennis* Stephens,1831; *minutus* C.G.Thomson,1865 *nec* Herbst.; *fauconetti* Pic,1926
- 1713. Lasiorrhynchites cavifrons (Gyllenhal,1833)** (Attelabidae) **Synonym(s):** *cavifrons* Gyllenhal,1833
- 1714. Lasiorrhynchites praeustus (Boheman,1845)** (Attelabidae) **Synonym(s):** *praeustus* Boheman,1845; *kindermanni* Desbrochers,1845; *syriacus* Desbrochers,1868
- 1715. Lasiorrhynchites sericeus (Herbst,1797)** (Attelabidae) **Synonym(s):** *sericeus* Herbst,1797; *ophthalmicus* Stephens,1831; *similis* Curtis,1837; *splendidulus* Kiesenwetter,1861
- 1716. Rhynchites aereipennis Desbrochers,1895** (Attelabidae) **Synonym(s):** *aereipennis* Desbrochers,1895
- 1717. Rhynchites auratus (Scopoli,1763)** (Attelabidae) **Synonym(s):** *auratus* Scopoli,1763; *aurifer* Olivier,1790; *rectirostris* Gyllenhal,1833; *theresae* Pic,1926; *angorensis* Pic,1926; *ferghanensis* Newskij,1929; *armeniacus* Zaitzev,1937
- 1718. Rhynchites giganteus Krynicky,1832** (Attelabidae) **Synonym(s):** *giganteus* Krynicky,1832
- 1719. Rhynchites hungaricus (Herbst,1784)** (Attelabidae) **Synonym(s):** *hungaricus* Herbst,1784; *marginatus* Schrank,1798; *ursus* Gebler,1830; *anatolicus* Schilsky,1903; *marginicollis* Schilsky,1903; *maculicollis* Reitter,1916; *suturifer* Reitter,1916
- 1720. Rhynchites smyrnensis Desbrochers,1869** (Attelabidae) **Synonym(s):** *smyrnensis* Desbrochers,1869
- 1721. Brachycerus quadrisulcatus Fischer v.Waldheim,1830** (Brachyceridae) **Synonym(s):** *quadrisulcatus* Fischer v.Waldheim,1830; *difformis* Faldermann,1837
- 1722. Bruchidius mulsanti (Brisout de Barneville,1863)** (Bruchidae) **Synonym(s):** *mulsanti* Brisout de Barneville,1863
- 1723. Caryedon angeri (Semenov,1896)** (Bruchidae) **Synonym(s):** *angeri* Semenov,1896; *palaestinus* Southgate,1976; *#palaestinus* Yücel,1994
- 1724. Acmaeodera (Acmaeotethya) saxicola Spinola,1838** (Buprestidae) **Synonym(s):** *saxicola* Spinola,1838; *guttifera* Marseul,1865; *spilophora* Marseul,1869; *cisti* Baudi di Selve,1870; *cisticola* Obenberger,1940
- 1725. Acmaeodera (Loepotethya) ocellata Abeille de Perrin,1891** (Buprestidae) **Synonym(s):** *ocellata* Abeille de Perrin,1891; *kheili* Obenberger,1924; *hetita* Obenberger,1925; *hauseri* Théry,1936
- 1726. Acmaeodera (s.str.) flavolineata Laporte & Gory,1835** (Buprestidae) **Synonym(s):** *flavolineata* Laporte & Gory,1835; *dorsalis* Spinola,1838; *sturalis* Gory,1840; *bivitis* Frivaldsky,1912; *krueperi* Obenberger,1926
- 1727. Acmaeoderella (Euacmaeoderella) brandti Volkovitsh,1981** (Buprestidae) **Synonym(s):** *brandti* Volkovitsh,1981
- 1728. Acmaeoderella (Euacmaeoderella) gibbulosa (Ménétriés,1832)** (Buprestidae) **Synonym(s):** *gibbulosa* Ménétriés,1832; *inamoena* Faldermann,1835; *lugens* Gory,1840; *cuprinula* Reitter,1890; *tenuifrons* Obenberger,1924; *lederi* Obenberger,1934; *araxigena* Obenberger,1940
- 1729. Acmaeoderella (Euacmaeoderella) obscura (Reitter,1889)** (Buprestidae) **Synonym(s):** *obscura* Reitter,1889; *cyaniventris* Reitter,1890; *kalalae* Obenberger,1935; *nigroopaca* Cobos,1963
- 1730. Acmaeoderella (Euacmaeoderella) vetusta (Ménétriés,1832)** (Buprestidae) **Synonym(s):** *vetusta* Ménétriés,1832; *cuprifera* Castelnau & Gory,1835; *producta* Castelnau & Gory,1835; *olivacea* Abeille de Perrin,1904
- 1731. Acmaeoderella (Euacmaeoderella) villosula (Steven,1830)** (Buprestidae) **Synonym(s):** *villosula* Steven,1830; *boryi* Brullé,1832; *steveni* Faldermann,1838
- 1732. Acmaeoderella (Liogastria) chrysanthemi (Chevrolat,1854)** (Buprestidae) **Synonym(s):** *chrysanthemi* Chevrolat,1854; *tonstrix* Reitter,1895; *klapaleki* Obenberger,1924; *syriaca* Obenberger,1924; *levantina* Obenberger,1934; *syriacae* Obenberger,1936; *noemi* Obenberger,1940; *rudopilosa* Obenberger,1940
- 1733. Acmaeoderella (Omphalothorax) longissima (Abeille de Perrin,1904)** (Buprestidae) **Synonym(s):** *longissima* Abeille de Perrin,1904; *akbesiana* Escalera,1904; *amanicola* Pic,1905; *fatima* Pochon,1971
- 1734. Agrilus (Anambus) derasofasciatus Lacordaire,1835** (Buprestidae) **Synonym(s):** *derasofasciatus* Lacordaire,1835
- 1735. Agrilus (Anambus) roscidus Kiesenwetter,1857** (Buprestidae) **Synonym(s):** *roscidus* Kiesenwetter,1857
- 1736. Anthaxia (Cratomerus) krueperi Ganglbauer,1885** (Buprestidae) **Synonym(s):** *krueperi* Ganglbauer,1885; *duo* Semenov,1898



- 1737. Anthaxia (Haplanthaxia) cichorii (Olivier,1790)** (Buprestidae) Synonym(s): *cichorii* Olivier,1790; *auripennis* Strum,1826; *chamomillae* Mannerheim,1837; *gibbicollis* Rey,1891; *azurea* Abeille de Perrin,1909; *parthica* Obenberger,1914; *turcomanica* Obenberger,1938
- 1738. Anthaxia (Haplanthaxia) millefolii (Fabricius,1801)** (Buprestidae) Synonym(s): *millefolii* Fabricius,1801; *chlorocephala* Lucas,1849
- 1739. Anthaxia (Haplanthaxia) mundula Kiesenwetter,1857** (Buprestidae) Synonym(s): *mundula* Kiesenwetter,1857
- 1740. Anthaxia (Haplanthaxia) praeclara Mannerheim,1837** (Buprestidae) Synonym(s): *praeclara* Mannerheim,1837
- 1741. Anthaxia (Melanthaxia) obesa Abeille,1900** (Buprestidae) Synonym(s): *obesa* Abeille,1900
- 1742. Anthaxia (Melanthaxia) pinguis Kiesenwetter,1880** (Buprestidae) Synonym(s): *pinguis* Kiesenwetter,1880
- 1743. Anthaxia (Melanthaxia) scurra Bily & Brodsky,1982** (Buprestidae) Synonym(s): *scurra* Bily & Brodsky,1982
- 1744. Anthaxia (Melanthaxia) sternalis (Abeille,1895)** (Buprestidae) Synonym(s): *sternalis* Abeille,1895
- 1745. Anthaxia (s.str.) discicollis Gory & Laporte,1839** (Buprestidae) Synonym(s): *discicollis* Gory & Laporte,1839; *kanaanita* Obenberger,1912
- 1746. Anthaxia (s.str.) ghazi Obenberger,1938** (Buprestidae) Synonym(s): *ghazi* Obenberger,1938
- 1747. Anthaxia (s.str.) hypomelaena (Illiger,1803)** (Buprestidae) Synonym(s): *hypomelaena* Illiger,1803; *nitdicollis* Gory,1841; *annulicollis* Sturm,1843
- 1748. Anthaxia (s.str.) myrmidon Abeille,1891** (Buprestidae) Synonym(s): *myrmidon* Abeille,1891
- 1749. Anthaxia (s.str.) nigricollis Abeille de Perrin,1904** (Buprestidae) Synonym(s): *nigricollis* Abeille de Perrin,1904
- 1750. Capnodis cariosa (Pallas,1776)** (Buprestidae) Synonym(s): *cariosa* Pallas,1776; *bruttia* Petagna,1787
- 1751. Capnodis miliaris (Klug,1829)** (Buprestidae) Synonym(s): *miliaris* Klug,1829; *daedalea* Stephens,1830; *albisparsa* Faldermann,1830; *aurata* Abeille,1914; *mysteriosa* Obenberger,1917; *nonfriedi* Obenberger,1934
- 1752. Capnodis porosa (Klug,1829)** (Buprestidae) Synonym(s): *porosa* Klug,1829; *hypocrita* Géhin,1855
- 1753. Capnodis tenebricosa (Olivier,1790)** (Buprestidae) Synonym(s): *tenebricosa* Olivier,1790; *dorsata* Voet,1806; *lugens* Küster,1846; *semisuturalis* Marseul,1865; *aurosarsa* Abeille,1891; *anomala* Fairmaire,1895; *simulatrix* Obenberger,1916; *atronida* Obenberger,1945; *olcese* Obenberger,1945; *morio* Obenberger,1945
- 1754. Capnodis tenebrionis (Linnaeus,1761)** (Buprestidae) Synonym(s): *tenebrionis* Linnaeus,1761; *variegata* Goeze,1777; *tenebrioides* Pallas,1782; *naevia* Gmelin,1788; *moluccensis* Voet.,1806; *moerens* Mannerheim,1837; *aerea* Castelnau & Gory,1836; *aequicollis* Obenberger,1917; *deglabrata* Obenberger,1917; *undulata* Fleischer,1917
- 1755. Chalcophorella (Stigmatophorella) quadrioculata (Redtenbacher,1843)** (Buprestidae) Synonym(s): *quadrioculata* Redtenbacher,1843; *akbesiana* Cobos,1957
- 1756. Julodis andreae (Olivier,1790)** (Buprestidae) Synonym(s): *andreae* Olivier,1790; *sovitzii* Steven,1830; *setosa* Steven,1830; *lineigera* Marseul,1865; *ampliata* Marseul,1865; *stevensii* Saunders,1871; *hampei* Thomson,1878; *lineata* Kerremans,1886; *subviolacea* Abeille de Perrin,1904; *tenuelineata* Abeille de Perrin,1904; *derasa* Abeille de Perrin,1904; *costifera* Obenberger,1919
- 1757. Julodis intricata Redtenbacher,1843** (Buprestidae) Synonym(s): *intricata* Redtenbacher,1843
- 1758. Ptosima undecimmaculata (Herbst,1784)** (Buprestidae) Synonym(s): *novemmaculata* Fabricius,1775; *undecimmaculata* Herbst,1784; *sempunctata* Villers,1789; *flavoguttata* Illiger,1803; *istria* Voet,1806; *aegyptiaca* Pic,1909; *adanensis* Pic,1919; *libanensis* Pic,1919; *taurusensis* Pic,1920
- 1759. Sphenoptera (s.str.) antiqua (Illiger,1803)** (Buprestidae) Synonym(s): *antiqua* Illiger,1803; *inaequalis* Steven,1830; *dianthi* Steven,1830; *litigiosa* Mannerheim,1837; *iridiventris* Gory & Laporte,1839; *variolora* Kerremans,1898; *serena* Jakovlev,1900; *quercii* Leoni,1911; *georgica* Obenberger,1916; *lineigera* Obenberger,1920; *melitta* Obenberger,1927; *oreophila* Obenberger,1927; *danaica* Obenberger,1927; *helladicola* Obenberger,1927; *korbi* Obenberger,1927; *ausonica* Obenberger,1927; *earo* Obenberger,1927
- 1760. Boveycantharis dimidiatipes (Reiche & Saulcy,1857)** (Cantharidae) Synonym(s): *dimidiatipes* Reiche & Saulcy,1857; *varicolor* Wittmer,1969
- 1761. Boveycantharis deserticola Wittmer,1969** (Cantharidae) Synonym(s): *deserticola* Wittmer,1969

- 1762. Boveycantharis phoeniciensis Wittmer,1969** (Cantharidae) Synonym(s): *phoeniciensis* Wittmer,1969
- 1763. Cantharis (s.str.) bilunata (Marseul,1864)** (Cantharidae) Synonym(s): *bilunata* Marseul,1864; *dilutipes* Pic,1906; *distincticollis* Pic,1906
- 1764. Cantharis (s.str.) brevipennis Faldermann,1835** (Cantharidae) Synonym(s): *brevipennis* Faldermann,1835; *akbesiana* Pic,1906; *abbreviata* Pic,1906 nec Fabr.,1801; *brachyptera* Holdhaus,1920
- 1765. Cantharis (Cyrtomoptila) cogina Reitter,1902** (Cantharidae) Synonym(s): *cogina* Reitter,1902
- 1766. Cantharis (s.str.) livida Linnaeus,1758** (Cantharidae) Synonym(s): *livida* Linnaeus,1758
- 1767. Cordicantharis diabolica (Reitter,1895)** (Cantharidae) Synonym(s): *diabolica* Reitter,1895
- 1768. Cordicantharis acutangula (Fairmaire,1884)** (Cantharidae) Synonym(s): *acutangula* Fairmaire,1884; *amanicola* Pic,1903
- 1769. Metacantharis taurigrada Bourgeois,1900** (Cantharidae) Synonym(s): *taurigrada* Bourgeois,1900; *angorensis* Pic,1903
- 1770. Rhagonycha aliena Dahlgren,1972** (Cantharidae) Synonym(s): *aliena* Dahlgren,1972
- 1771. Rhagonycha nurdagensis Wittmer,1972** (Cantharidae) Synonym(s): *nurdagensis* Wittmer,1972
- 1772. Malthinus hetiticus Wittmer,1974** (Cantharidae) Synonym(s): *hetiticus* Wittmer,1974
- 1773. Malthodes akbesianus Pic,1901** (Cantharidae) Synonym(s): *akbesianus* Pic,1901
- 1774. Carabus (Procerus) transversalis Csiki,1927** (Carabidae) Synonym(s): *transversalis* Csiki,1927; *laticollis* Kraatz,1876
- 1775. Carabus (Procrustes) coriaceus Linnaeus,1758** (Carabidae) Synonym(s): *coriaceus* Linnaeus,1758
- 1776. Carabus (Procrustes) mulsantianus Morawitz,1886** (Carabidae) Synonym(s): *mulsantianus* Morawitz,1886
- 1777. Carabus (Procrustes) punctatus Castelnau,1835** (Carabidae) Synonym(s): *punctatus* Castelnau,1835; *antakyae* Korell,1985
- 1778. Cicindela asiatica Audouin & Brullé,1839** (Carabidae) Synonym(s): *asiatica* Audouin & Brullé,1839
- 1779. Cicindela herbacea Klug,1832** (Carabidae) Synonym(s): *herbacea* Klug,1832; *persana* Dokhtouroff,1885
- 1780. Homodela ismenia (Gory,1833)** (Carabidae) Synonym(s): *ismenia* Gory,1833
- 1781. Lophyridia concolor (Dejean,1822)** (Carabidae) Synonym(s): *concolor* Dejean,1822
- 1782. Lophyridia fischeri (Adams,1817)** (Carabidae) Synonym(s): *fischeri* Adams,1817
- 1783. Lophyridia littoralis (Fabricius,1787)** (Carabidae) Synonym(s): *littoralis* Fabricius,1787
- 1784. Myriochile (s.str.) melancholica (Fabricius,1798)** (Carabidae) Synonym(s): *melancholica* Fabricius,1798
- 1785. Agapanthia (Agapanthiopia) coeruleipennis Frivaldsky,1878** (Cerambycidae) Synonym(s): *coeruleipennis* Frivaldsky,1878; *brevis* Pic,1891
- 1786. Agapanthia (s.str.) suturalis (Fabricius,1787)** (Cerambycidae) Synonym(s): *suturalis* Fabricius,1787; *ruficornis* Pic,1918
- 1787. Arhopalus rusticus (Linnaeus,1758)** (Cerambycidae) Synonym(s): *rusticus* Linnaeus,1758
- 1788. Arhopalus syriacus (Reitter,1895)** (Cerambycidae) Synonym(s): *syriacus* Reitter,1895
- 1789. Asemum tenuicorne Kraatz,1879** (Cerambycidae) Synonym(s): *tenuicorne* Kraatz,1879
- 1790. Callergates akbesianus (Pic,1900)** (Cerambycidae) Synonym(s): *akbesianus* Pic,1900
- 1791. Callimus (s.str.) akbesianus (Pic,1892)** (Cerambycidae) Synonym(s): *akbesianus* Pic,1892
- 1792. Cerambyx (Microcerambyx) scopoli Fuessly,1775** (Cerambycidae) Synonym(s): *scopoli* Fuessly,1775; *nitidus* Pic,1892
- 1793. Cerambyx (s.str.) cerdo Linnaeus,1758** (Cerambycidae) Synonym(s): *cerdo* Linnaeus,1758; *acuminatus* Motschulsky,1852; *pfisteri* Stierlin,1864
- 1794. Cerambyx (s.str.) dux (Faldermann,1837)** (Cerambycidae) Synonym(s): *dux* Faldermann,1837
- 1795. Certallum ebulinum (Linnaeus,1767)** (Cerambycidae) Synonym(s): *ebulinum* Linnaeus,1767; *ruficollis* Fabricius,1787; *monspeliense* Gmelin,1790; *tricolor* Chevrolat,1882; *nigricolle* Pic,1891
- 1796. Chlorophorus trifasciatus (Fabricius,1781)** (Cerambycidae) Synonym(s): *trifasciatus* Fabricius,1781
- 1797. Dorcadion (Cribridorcadion) amanense (Breuning,1943)** (Cerambycidae) Synonym(s): *amanense* Breuning,1943



- 1798. Dorcadion (Cribridorcadion) drusoides Breuning, 1962** (Cerambycidae)  
Synonym(s): *drusoides* Breuning, 1962
- 1799. Dorcadion (Cribridorcadion) halepense Kraatz, 1873** (Cerambycidae) Synonym(s):  
*halepense* Kraatz, 1873; *pseudomardinense* Breuning, 1946; *akbesianum* Breuning, 1946; ...
- 1800. Dorcadion (Cribridorcadion) syriense (Breuning, 1943)** (Cerambycidae)  
Synonym(s): *syriense* Breuning, 1943
- 1801. Mallosia (Eumallosia) imperatrix Abeille de Perrin, 1885** (Cerambycidae)  
Synonym(s): *imperatrix* Abeille de Perrin, 1885
- 1802. Nothorhina muricata (Dalman, 1817)** (Cerambycidae) Synonym(s): *muricata*  
Dalman, 1817
- 1803. Phytoecia caerulea (Scopoli, 1772)** (Cerambycidae) Synonym(s): *caerulea* Scopoli, 1772
- 1804. Phytoecia pustulata (Schränk, 1776)** (Cerambycidae) Synonym(s): *pustulata* Schränk, 1776
- 1805. Prionus (Mesoprionus) besicanus (Fairmaire, 1855)** (Cerambycidae) Synonym(s):  
*besicanus* Fairmaire, 1855; *?lefevrei* Marsham, 1856; *?schaufussi* Jakovlev, 1887
- 1806. Prionus (s.str.) coriarius (Linnaeus, 1758)** (Cerambycidae) Synonym(s): *coriarius*  
Linnaeus, 1758; *tridentatus* Linnaeus, 1758; *prionus* DeGeer, 1775; *ballista* Voet, 1778; *germanicus* Voet, 1778; *hussarus*  
Voet, 1778; *vicinus* Jakovlev, 1887
- 1807. Pseudovadonia livida (Fabricius, 1777)** (Cerambycidae) Synonym(s): *livida*  
Fabricius, 1777; *pecta* K. Daniel & J. Daniel, 1891
- 1808. Purpuricenens budensis (Götz, 1783)** (Cerambycidae) Synonym(s): *budensis* Götz, 1783
- 1809. Purpuricenens dalmatinus Sturm, 1843** (Cerambycidae) Synonym(s): *dalmatinus*  
Sturm, 1843
- 1810. Spondylis buprestoides (Linnaeus, 1758)** (Cerambycidae) Synonym(s): *buprestoides*  
Linnaeus, 1758
- 1811. Stenopterus rufus (Linnaeus, 1767)** (Cerambycidae) Synonym(s): *rufus* Linnaeus, 1767;  
*attenuatus* Geoffroy, 1785
- 1812. Stictoleptura cordigera (Fuesslin, 1775)** (Cerambycidae) Synonym(s): *cordigera*  
Fuesslin, 1775
- 1813. Trichoferus griseus (Fabricius, 1792)** (Cerambycidae) Synonym(s): *griseus* Fabricius, 1792
- 1814. Turanoclytus sieversi (Ganglbauer, 1890)** (Cerambycidae) Synonym(s): *sieversi*  
Ganglbauer, 1890; *deyrollei* Pic, 1897
- 1815. Xylotrechus sieversi Ganglbauer, 1890** (Cerambycidae) Synonym(s): *sieversi*  
Ganglbauer, 1890
- 1816. Altica bicarinata (Kutschera, 1860)** (Chrysomelidae) Synonym(s): *bicarinata*  
Kutschera, 1860; *ciliciensis* Weise, 1897
- 1817. Altica deserticola (Weise, 1889)** (Chrysomelidae) Synonym(s): *deserticola* Weise, 1889
- 1818. Altica jarmilae Kral, 1979** (Chrysomelidae) Synonym(s): *jarmilae* Kral, 1979
- 1819. Cassida palaestina Reiche, 1858** (Chrysomelidae) Synonym(s): *palaestina* Reiche, 1858
- 1820. Cassida prasina Illiger, 1798** (Chrysomelidae) Synonym(s): *prasina* Illiger, 1798
- 1821. Chrysolina coerulans (Scriba, 1791)** (Chrysomelidae) Synonym(s): *coerulans* Scriba, 1791;  
*angelica* Reiche & Saulcy, 1858; *splendorifera* Motschoulsky, 1860; *subfastuosa* Motschoulsky, 1860; *bella* Jacoby, 1890;  
*uzbekorum* Bechyne, 1950; *iranica* Jakob, 1954; *piffli* Lopatin, 1967
- 1822. Chrysolina orientalis (Olivier, 1807)** (Chrysomelidae) Synonym(s): *orientalis*  
Olivier, 1807; *campicola* Gistel, 1857; *palaestina* Bechyne, 1950; *thraeissa* Bechyne, 1950
- 1823. Chrysolina sahlbergi (Ménétriés, 1832)** (Chrysomelidae) Synonym(s): *sahlbergi*  
Ménétriés, 1832; *cupreopunctata* Reiche, 1858; *venefica* Weise, 1884
- 1824. Clytra (Coptocephala) destinoi Fairmaire, 1884** (Chrysomelidae) Synonym(s):  
*destinoi* Fairmaire, 1884
- 1825. Clytra (Coptocephala) fallaciosa Fairmaire, 1884** (Chrysomelidae) Synonym(s):  
*fallaciosa* Fairmaire, 1884
- 1826. Clytra (Coptocephala) unifasciata (Scopoli, 1763)** (Chrysomelidae) Synonym(s):  
*unifasciata* Scopoli, 1763; *femoralis* Küster, 1845...
- 1827. Clytra (Ovoclytra) bodemeyeri Weise, 1900** (Chrysomelidae) Synonym(s): *bodemeyeri*  
Weise, 1900
- 1828. Clytra (Ovoclytra) nigrocincta (Lacordaire, 1848)** (Chrysomelidae) Synonym(s):  
*nigrocincta* Lacordaire, 1848
- 1829. Crepidodera aurea (Geoffroy, 1785)** (Chrysomelidae) Synonym(s): *aurea* Geoffroy, 1785;  
*cyanea* Marsham, 1802; *metallica* Duftschmidt, 1825; *gaudens* Stephens, 1831; *laeta* Weise, 1886; *splendens* Weise, 1886;  
*purpurascens* Pic, 1918; *syriaca* Pic, 1918
- 1830. Cryptocephalus connexus Olivier, 1808** (Chrysomelidae) Synonym(s): *connexus*  
Olivier, 1808

- 1831. Derocrepis delangrei Pic,1903** (Chrysomelidae) Synonym(s): *delangrei* Pic,1903
- 1832. Dibolia rufofemorata Reitter,1896** (Chrysomelidae) Synonym(s): *rufofemorata* Reitter,1896
- 1833. Hypocassida subferruginea (Schrank,1776)** (Chrysomelidae) Synonym(s): *subferruginea* Schrank,1776
- 1834. Longitarsus juncicola (Foudras,1860)** (Chrysomelidae) Synonym(s): *juncicola* Foudras,1860
- 1835. Longitarsus lycopi (Foudras,1860)** (Chrysomelidae) Synonym(s): *lycopi* Foudras,1860
- 1836. Longitarsus obliterated (Rosenhauer,1847)** (Chrysomelidae) Synonym(s): *obliterated* Rosenhauer,1847; *meridionalis* Cziki & Heikertinger,1940
- 1837. Macrocoma fortidens (Berti & Rapilly,1973)** (Chrysomelidae) Synonym(s): *fortidens* Berti & Rapilly,1973
- 1838. Ochrosis ventralis (Illiger,1807)** (Chrysomelidae) Synonym(s): *ventralis* Illiger,1807
- 1839. Pachybrachis (s.str.) akbesianus Pic,1907** (Chrysomelidae) Synonym(s): *akbesianus* Pic,1907
- 1840. Pachybrachis (s.str.) mardinensis Weise,1900** (Chrysomelidae) Synonym(s): *mardinensis* Weise,1900; *seidenstueckeri* Kippenberg,1974
- 1841. Phyllobrotica frontalis Weise,1886** (Chrysomelidae) Synonym(s): *frontalis* Weise,1886
- 1842. Phyllotreta corrugata Reiche,1858** (Chrysomelidae) Synonym(s): *corrugata* Reiche,1858
- 1843. Phyllotreta nigripes (Fabricius,1775)** (Chrysomelidae) Synonym(s): *nigripes* Fabricius,1775
- 1844. Psylliodes affinis (Paykull,1799)** (Chrysomelidae) Synonym(s): *affinis* Paykull,1799
- 1845. Psylliodes chrysocephalus (Linnaeus,1758)** (Chrysomelidae) Synonym(s): *chrysocephalus* Linnaeus,1758
- 1846. Smaragdina limbata (Steven,1806)** (Chrysomelidae) Synonym(s): *limbata* Steven,1806; *dorsalis* Olivier,1808
- 1847. Clerus mutillaeformis Reitter,1895** (Cleridae) Synonym(s): *mutillaeformis* Reitter,1895
- 1848. Opilo taeniatus (Klug,1842)** (Cleridae) Synonym(s): *taeniatus* Klug,1842
- 1849. Syriopelta funebris (Fairmaire,1892)** (Cleridae) Synonym(s): *funebris* Fairmaire,1892
- 1850. Tillus pectinicornis Abeille de Perrin,1892** (Cleridae) Synonym(s): *pectinicornis* Abeille de Perrin,1892; *holtzi* Hintz,1902
- 1851. Trichodes affinis Chevrolat,1843** (Cleridae) Synonym(s): *affinis* Chevrolat,1843; *apicalis* Champenois,1900
- 1852. Trichodes ganglbaueri Escherich,1893** (Cleridae) Synonym(s): *ganglbaueri* Escherich,1893; *israelicus* Winkler,1963
- 1853. Trichodes inermis Reitter,1893** (Cleridae) Synonym(s): *inermis* Reitter,1893; *imitator* Reitter,1899; *akbesianus* Reitter,1915
- 1854. Trichodes laminatus Chevrolat,1843** (Cleridae) Synonym(s): *laminatus* Chevrolat,1843; *angustus* Chevrolat,1843; *smyrnensis* Spinola,1844; *flavocinctus* Chevrolat,1876
- 1855. Trichodes longissimus (Abeille de Perrin,1881)** (Cleridae) Synonym(s): *longissimus* Abeille de Perrin,1881; *angustifrons* Abeille de Perrin,1881
- 1856. Trichodes punctatus Fischer v. Waldheim,1829** (Cleridae) Synonym(s): *punctatus* Fischer v. Waldheim,1829; *illustris* Klug,1842; *viridifasciatus* Chevrolat,1843
- 1857. Trichodes quadriguttatus Adams,1817** (Cleridae) Synonym(s): *quadriguttatus* Adams,1817; *quadripustulatus* Brullé,1832; *quadripunctatus* Spinola,1844
- 1858. Trichodes reichei Mulsant & Rey,1863** (Cleridae) Synonym(s): *reichei* Mulsant & Rey,1863; *klugi* Kraatz,1873; *conjunctus* Escherich,1892
- 1859. Trichodes suspectus Escherich,1892** (Cleridae) Synonym(s): *suspectus* Escherich,1892
- 1860. Adalia (s.str.) bipunctata (Linnaeus,1758)** (Coccinellidae) Synonym(s): *bipunctata* Linnaeus,1758
- 1861. Chilocorus bipustulatus (Linnaeus,1758)** (Coccinellidae) Synonym(s): *bipustulatus* Linnaeus,1758; *fasciatus* Müller,1776; *transversoguttatus* Börner,1776; *frontalis* Thunberg,1792; *testudo* Florencourt,1796; *strigatus* Fabricius,1798; *olivetorum* Costa,1839; *bipustulatus* Mulsant,1846
- 1862. Clitostethus arcuatus (Rossi,1794)** (Coccinellidae) Synonym(s): *arcuatus* Rossi,1794; *hausmanni* Weise,1885; *arquatus* Müller,1901
- 1863. Coccinella (s.str.) septempunctata Linnaeus,1758** (Coccinellidae) Synonym(s): *septempunctata* Linnaeus,1758; *brucki* Mulsant,1866
- 1864. Cynegetis syriaca (Mader,1958)** (Coccinellidae) Synonym(s): *syriaca* Mader,1958; *rapillyi* Duverger,1983
- 1865. Hippodamia (Adonia) variegata (Goeze,1777)** (Coccinellidae) Synonym(s): *novempunctata* Scopoli,1763; *variegata* Goeze,1777; *cabrini* Fourcroy,1785; *tredecimpunctata* Fourcroy,1785;



*mutabilis* Scriba,1790; *septemnotata* Fabricius,1793; *fennica* Thunberg,1795; *laeta* Fabricius,1798; *corsica* Weise,1879...

**1866. *Hyperaspis femorata* (Motschoulsky,1837)** (Coccinellidae) Synonym(s): *femorata* Motschoulsky,1837

**1867. *Nephus kreissli* Fürsch & Uygun,1980** (Coccinellidae) Synonym(s): *kreissli* Fürsch & Uygun,1980

**1868. *Nephus nigricans* Weise,1879** (Coccinellidae) Synonym(s): *nigricans* Weise,1879

**1869. *Oenopia conglobata* (Linnaeus,1758)** (Coccinellidae) Synonym(s): *conglobata* Linnaeus,1758; *octodecimpunctata* Scopoli,1763; *sedecimpunctata* Scopoli,1763; *gemella* Herbst,1783; *octodecimmaculata* Thunberg,1795; *contaminata* Ménétériés,1849

**1870. *Propylea quatuordecimpunctata* (Linnaeus,1758)** (Coccinellidae) Synonym(s): *quatuordecimpunctata* Linnaeus,1758; *tessulata* Scopoli,1763; *fimbriata* Sulzer,1776; *conglobata* Laicharting,1781; *quatuordecimmaculata* Fabricius,1787; *decempustulata* Fabricius,1792; *bisexpustulata* Fabricius,1798; *cinglobata* Weise,1879; *bifasciata* Walter,1882

**1871. *Scymnus apetzii* Mulsant,1846** (Coccinellidae) Synonym(s): *apetzii* Mulsant,1846

**1872. *Scymnus flagellisiphonatus* (Fürsch,1969)** (Coccinellidae) Synonym(s): *flagellisiphonatus* Fürsch,1969

**1873. *Scymnus interruptus* (Goeze,1777)** (Coccinellidae) Synonym(s): *interruptus* Goeze,1777

**1874. *Scymnus levaillanti* Mulsant,1850** (Coccinellidae) Synonym(s): *levaillanti* Mulsant,1850

**1875. *Scymnus pallipediformis* Günther,1958** (Coccinellidae) Synonym(s): *pallipediformis* Günther,1958

**1876. *Scymnus rubromaculatus* (Goeze,1778)** (Coccinellidae) Synonym(s): *rubromaculatus* Goeze,1778; *pygmaeus* Fourcroy,1785; *parvulus* Fabricius,1792; *flavipes* Panzer,1793; *colloris* Herbst,1797; *pubescens* Herbst,1797; *flavilabris* Olivier,1808

**1877. *Scymnus subvillosus* (Goeze,1777)** (Coccinellidae) Synonym(s): *subvillosus* Goeze,1777; *fasciatus* Fourcroy,1785; *minutissimus* Villiers,1789; *aurantiacus* Panzer,1819; *pygmaea* Brullé,1832; *quadrillum* Redtenbacher,1844; *transversepustulatus* Mulsant,1850; *fulvicollis* Sahlberg,1913

**1878. *Stethorus gilvifrons* (Mulsant,1850)** (Coccinellidae) Synonym(s): *gilvifrons* Mulsant,1850

**1879. *Stethorus punctillum* Weise,1891** (Coccinellidae) Synonym(s): *punctillum* Weise,1891

**1880. *Polydrusus* (s.str.) *hirsutipennis* Pic,1908** (Curculionidae) Synonym(s): *hirsutipennis* Pic,1908

**1881. *Brachysomus* (Hippomias) *assingi* Yunakov,2006** (Curculionidae) Synonym(s): *assingi* Yunakov,2006

**1882. *Otiorhynchus anatolicus* Boheman,1843** (Curculionidae) Synonym(s): *anatolicus* Boheman,1843

**1883. *Otiorhynchus* (Melasemnus) *transsylvanicus* (Stierlin,1861)** (Curculionidae) Synonym(s): *transsylvanicus* Stierlin,1861

**1884. *Liocleonus clathratus* (Olivier,1807)** (Curculionidae) Synonym(s): *clathratus* Olivier,1807; *leucomelas* Fahraeus,1842; *leucomelanus* Gemminger & Harold,1871 (*praeocc.*); *amoenus* Chevrolat,1876

**1885. *Coniocleonus nigrosuturatus* (Goeze,1777)** (Curculionidae) Synonym(s): *nigrosuturatus* Goeze,1777; *melanographus* Fahraeus,1840

**1886. *Bothynoderes carinatus* (Zoubkoff,1829)** (Curculionidae) Synonym(s): *carinatus* Zoubkoff,1829

**1887. *Rhinocyllus conicus* (Frölich,1792)** (Curculionidae) Synonym(s): *conicus* Frölich,1792

**1888. *Larinus adpersus* Hochhuth,1847** (Curculionidae) Synonym(s): *adpersus* Hochhuth,1847; *brenskii* Faust,1890; *akbesianus* Desbrochers des Loges,1897

**1889. *Larinus latus* (Herbst,1784)** (Curculionidae) Synonym(s): *latus* Herbst,1784

**1890. *Larinus minutus* Gyllenhal,1836** (Curculionidae) Synonym(s): *minutus* Gyllenhal,1836

**1891. *Larinus onopordi* (Fabricius,1787)** (Curculionidae) Synonym(s): *onopordi* Fabricius,1787

**1892. *Larinus rudicollis* Petri,1907** (Curculionidae) Synonym(s): *rudicollis* Petri,1907

**1893. *Larinus syriacus* Gyllenhal,1836** (Curculionidae) Synonym(s): *syriacus* Gyllenhal,1836

**1894. *Tychius striatulus* Gyllenhal,1836** (Curculionidae) Synonym(s): *striatulus* Gyllenhal,1836

**1895. *Anthrenus* (Nathrenus) *verbasci* (Linnaeus,1767)** (Dermestidae) Synonym(s): *verbasci* Linnaeus,1767

**1896. *Anthrenus* (s.str.) *delicatus* Kiesenwetter,1851** (Dermestidae) Synonym(s): *delicatus* Kiesenwetter,1851

**1897. *Anthrenus* (s.str.) *goliath* Saulcy,1868** (Dermestidae) Synonym(s): *goliath* Saulcy,1868

**1898. *Anthrenus* (s.str.) *rotundulus* Reitter,1889** (Dermestidae) Synonym(s): *rotundulus* Reitter,1889

**1899. *Anthrenus* (s.str.) *simonis* Reitter,1881** (Dermestidae) Synonym(s): *simonis* Reitter,1881

**1900. *Anthrenus akbesianus* Reitter,1899** (Dermestidae) Synonym(s): *akbesianus* Reitter,1899

1901. **Globicornis picta** (Küster,1851) (Dermestidae) Synonym(s): *picta* Küster,1851
1902. **Phradonoma villosulum** (Duftschmid,1825) (Dermestidae) Synonym(s): *villosulum* Duftschmid,1825
1903. **Agabus (Gaurodytes) biguttatus** (Olivier,1795) (Dytiscidae) Synonym(s): *biguttatus* Olivier,1795
1904. **Deronectes kinzelbachi** Fery & Hosseinie,1998 (Dytiscidae) Synonym(s): *kinzelbachi* Fery & Hosseinie,1998
1905. **Deronectes syriacus** Wewalka,1971 (Dytiscidae) Synonym(s): *syriacus* Wewalka,1971
1906. **Lacon delagrangei** Buysson,1891 (Elateridae) Synonym(s): *delagrangei* Buysson,1891
1907. **Tetrigus cyprius** Baudi,1871 (Elateridae) Synonym(s): *cyprius* Baudi,1871; *akbesianus* Fairmaire,1893
1908. **Drasterius bimaculatus** (Rossi,1790) (Elateridae) Synonym(s): *bimaculatus* Rossi,1790; *binotatus* Rossi,1792; *pallipes* Küster,1848; *quadrisignatus* Küster,1849; *fenestratus* Küster,1851; *variegatus* Küster,1851; *propinquus* Desbrochers,1869; *breviusculus* Desbrochers,1869; *anticus* Reitter,1890; *apicalis* Reitter,1890; *basalis* Reitter,1890; *diluticollis* Reitter,1890; *dorsalis* Reitter,1890; *lateralis* Reitter,1890; *montandoni* Buysson,1895; *sexsignatus* Buysson,1895; *trisignatus* Chobaut,1897; *angulosepictus* Buysson,1900; *cantheriatus* Buysson,1900; *latepictus* Buysson,1900; *lineatobasalis* Fuente,1903; *wachsmanni* Reitter,1905; *anticonotatus* Buysson,1912; *bisbispignatus* Buysson,1913; *#levantinus* Roubal,1924; *bengasinus* Binaghi,1941
1909. **Cardiophorus (s.str.) akbesianus** (Pic,1899) (Elateridae) Synonym(s): *akbesianus* Pic,1899
1910. **Cardiophorus (s.str.) cyanipennis** Mulsant & Wachanru,1852 (Elateridae) Synonym(s): *cyanipennis* Mulsant & Wachanru,1852
1911. **Cardiophorus (s.str.) maculicollis** Reiche & Saulcy,1856 (Elateridae) Synonym(s): *maculicollis* Reiche & Saulcy,1856
1912. **Amphicoma (Eulasia) bicolor** Waltl,1838 (Glaphyridae) Synonym(s): *bicolor* Waltl,1838; *limbipennis* Reitter,1899; *dichroa* Reitter,1890
1913. **Amphicoma (Eulasia) praeusta** (Champenois,1896) (Glaphyridae) Synonym(s): *praeusta* Champenois,1896; *clypealis* Petrovitz,1972
1914. **Amphicoma (Pygopleurus) akbesianus** Petrovitz,1957 (Glaphyridae) Synonym(s): *akbesianus* Petrovitz,1957; *cuprea* Petrovitz,1957; *coerulea* Petrovitz,1962
1915. **Amphicoma (Pygopleurus) foina** (Reitter,1890) (Glaphyridae) Synonym(s): *foina* Reitter,1890; *albopilosa* Petrovitz,1957; *atriplicis* Petrovitz,1957; *chalybeipennis* Petrovitz,1962
1916. **Amphicoma (Pygopleurus) lyciensis** Petrovitz,1971 (Glaphyridae) Synonym(s): *lyciensis* Petrovitz,1971
1917. **Amphicoma (Pygopleurus) mithridates** Petrovitz,1962 (Glaphyridae) Synonym(s): *mithridates* Petrovitz,1962
1918. **Amphicoma (Pygopleurus) rufovillosus** Reitter,1907 (Glaphyridae) Synonym(s): *rufovillosus* Reitter,1907; *nigropubescens* Petrovitz,1963; *pompa* Petrovitz,1963
1919. **Amphicoma (Rudeulasia) eiselti** Petrovitz,1967 (Glaphyridae) Synonym(s): *eiselti* Petrovitz,1967
1920. **Amphicoma (Rudeulasia) fastuosa** Reitter,1890 (Glaphyridae) Synonym(s): *fastuosa* Reitter,1890; *heydeni* Reitter,1890; *pretiosa* Reitter,1890; *semicyanea* Reitter,1890; *reitteri* Ganglbauer,1905; *cyanea* Petrovitz,1962
1921. **Amphicoma (Rudeulasia) genei** Truqui,1848 (Glaphyridae) Synonym(s): *genei* Truqui,1848; *pretiosa* Truqui,1848; *chaifensis* Reitter,1890; *nobilissima* Balthasar,1929
1922. **Amphicoma (Rudeulasia) harmonia** (Petrovitz,1968) (Glaphyridae) Synonym(s): *#harmonia* Petrovitz,1962; *#maculata* Petrovitz,1962; *harmonia* Petrovitz,1968; *purpurea* Petrovitz,1968
1923. **Amphicoma (Rudeulasia) papaveris** (Sturm,1843) (Glaphyridae) Synonym(s): *papaveris* Sturm,1843; *cupripennis* Kollar & Redtenbacher,1843; *dominula* Reitter,1890; *testaceipennis* Champenois,1896
1924. **Amphicoma (Vittateulasia) vittata** (Fabricius,1775) (Glaphyridae) Synonym(s): *vittata* Fabricius,1775; *lineata* Faldermann,1835; *strigata* Waltl,1838; *smyrnensis* Castelnau,1840; *syriaca* Kollar & Redtenbacher,1843; *africana* Reitter,1890; *chrysura* Reitter,1890; *decorata* Reitter,1890; *semifulva* Reitter,1890; *lateritia* Reitter,1903; *pseudochrysura* Miksic,1960; *persica* Petrovitz,1963
1925. **Gyrinus caspius** Ménétériés,1832 (Gyrinidae) Synonym(s): *caspius* Ménétériés,1832
1926. **Gyrinus dejeani** Brullé,1832 (Gyrinidae) Synonym(s): *dejeani* Brullé,1832
1927. **Helophorus micans** Falderman,1835 (Helophoridae) Synonym(s): *micans* Falderman,1835
1928. **Helophorus nubilus** Fabricius,1776 (Helophoridae) Synonym(s): *nubilus* Fabricius,1776
1929. **Helophorus syriacus** Kuwert,1885 (Helophoridae) Synonym(s): *syriacus* Kuwert,1885
1930. **Helophorus difficilis** Angus,1988 (Helophoridae) Synonym(s): *difficilis* Angus,1988
1931. **Helophorus lewisi** Angus,1985 (Helophoridae) Synonym(s): *lewisi* Angus,1985



- 1932. Notodoma lewisi Reitter, 1910** (Histeridae) **Synonym(s):** *lewisi Reitter, 1910*
- 1933. Laccobius (Microlaccobius) gracilis Motschoulsky, 1855** (Hydrophilidae) **Synonym(s):** *gracilis Motschoulsky, 1855*
- 1934. Laccobius (Dimorpholaccobius) hindukuschi Chiesa, 1966** (Hydrophilidae) **Synonym(s):** *hindukuschi Chiesa, 1966*
- 1935. Laccobius (Dimorpholaccobius) sipylus Orchymont, 1939** (Hydrophilidae) **Synonym(s):** *sipylus Orchymont, 1939*
- 1936. Laccobius (Dimorpholaccobius) striatulus (Fabricius, 1801)** (Hydrophilidae) **Synonym(s):** *striatulus Fabricius, 1801*
- 1937. Laccobius (Dimorpholaccobius) syriacus Guillebeau, 1896** (Hydrophilidae) **Synonym(s):** *syriacus Guillebeau, 1896*
- 1938. Berosus (Enoplurus) bispinus Reiche & Saulcy, 1856** (Hydrophilidae) **Synonym(s):** *bispinus Reiche & Saulcy, 1856*
- 1939. Berosus (Enoplurus) spinosus (Steven, 1808)** (Hydrophilidae) **Synonym(s):** *spinosus Steven, 1808*
- 1940. Berosus (s.str.) affinis Brullé, 1835** (Hydrophilidae) **Synonym(s):** *affinis Brullé, 1835; hispanicus Kuster, 1847*
- 1941. Lampyris nervosa Olivier, 1883** (Lampyridae) **Synonym(s):** *nervosa Olivier, 1883; barbara Olivier, 1884*
- 1942. Lampyris angustula Fairmaire, 1895** (Lampyridae) **Synonym(s):** *angustula Fairmaire, 1895; iraqi Geisthardt, 1999*
- 1943. Platycerus delangrangei Fairmaire, 1892** (Lucanidae) **Synonym(s):** *delangrangei Fairmaire, 1892*
- 1944. Lucanus (.s.str.) cervus (Linnaeus, 1758)** (Lucanidae) **Synonym(s):** *cervus Linnaeus, 1758; capreolus Fuessly, 1775 nec Linn., 1758; dorcas Müller, 1776; capra Olivier, 1789; hircus Herbst, 1790; inermis Marsham, 1802; grandis Haworth, 1807; microcephalus Mulsant, 1842; lusitanicus Hope & Westwood, 1845*
- 1945. Hycleus fuscus (Olivier, 1811)** (Meloidae) **Synonym(s):** *fuscus Olivier, 1811; deleta Marseul, 1870; galatiensis Escherich, 1899; alpha Sumakov, 1913; beta Sumakov, 1913; circascutellaris Pic, 1914; iota Sumakov, 1930; zeta Sumakov, 1930*
- 1946. Muzimes strebai (Maran, 1940)** (Meloidae) **Synonym(s):** *strebai Maran, 1940*
- 1947. Mylabris (.s.str.) quadripunctata (Linnaeus, 1767)** (Meloidae) **Synonym(s):** *quadripunctata Linnaeus, 1767; melanura Pallas, 1781; decimpunctata Fabricius, 1781; octopunctata Olivier, 1811; adamsi Fischer von Waldheim, 1824; armeniaca Faldermann, 1837; restricta Motschoulsky, 1849; maldinesi Chevrolat, 1865*
- 1948. Mylabris (Zitunabris) syriaca Klug, 1845** (Meloidae) **Synonym(s):** *gebleri Faldermann, 1837; syriaca Klug, 1845; intersecta Reiche, 1857; smyrnensis Escherich, 1899*
- 1949. Hycleus zebraeus (Marseul, 1870)** (Meloidae) **Synonym(s):** *zebraea Marseul, 1870; tenenbaumi Pic, 1928; kervillei Pic, 1932*
- 1950. Teratolytta dives (Brullé, 1832)** (Meloidae) **Synonym(s):** *dives Brullé, 1832; phalerata Frivaldsky, 1837; vittata Kiesenwetter, 1861; excellens Escherich, 1894*
- 1951. Teratolytta flavipes (Mulsant & Rey, 1858)** (Meloidae) **Synonym(s):** *flavipes Mulsant & Rey, 1858; semividua Abeille de Perrin, 1895; saphirina Abeille de Perrin, 1895*
- 1952. Teratolytta senilis (Abeille de Perrin, 1895)** (Meloidae) **Synonym(s):** *senilis Abeille de Perrin, 1895; bytinskii Kaszab, 1957*
- 1953. Trichomeloe deflexus (Reitter, 1889)** (Meloidae) **Synonym(s):** *deflexus Reitter, 1889*
- 1954. Stenodera (Stenoderina) anatolica (Frivaldsky, 1884)** (Meloidae) **Synonym(s):** *anatolica Frivaldsky, 1884*
- 1955. Stenodera (Stenoderina) coeruleiceps (Fairmaire, 1892)** (Meloidae) **Synonym(s):** *coeruleiceps Fairmaire, 1892*
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- 1958. Haplomalachius akbesianus (Pic, 1898)** (Melyridae) **Synonym(s):** *akbesianus Pic, 1898*
- 1959. Malachius stolatus Mulsant & Godart, 1855** (Melyridae) **Synonym(s):** *stolatus Mulsant & Godart, 1855; suturellus Kiesenwetter, 1859; fallaciosus Baudi di Selve, 1871; latenotatus Pic, 1914; naxosensis Pic, 1923; bilyi Svihla, 1987*
- 1960. Trogllops hatayensis Wittmer, 1974** (Melyridae) **Synonym(s):** *hatayensis Wittmer, 1974*
- 1961. Ebaeus flavobullatus Marseul, 1868** (Melyridae) **Synonym(s):** *flavobullatus Marseul, 1868; orientalis Wittmer, 1979*

1962. **Dasytidius fulvipes (Reitter,1885)** (Melyridae) Synonym(s): *fulvipes* Reitter,1885
1963. **Dasytes akbesianus Pic,1894** (Melyridae) Synonym(s): *akbesianus* Pic,1894
1964. **Cydistus escalerae Bolivar y Peltain,1913** (Phengodidae) Synonym(s): *escalerae* Bolivar y Peltain,1913
1965. **Epuraea subparallela Goruvelle,1896** (Nitidulidae) Synonym(s): *subparallela* Goruvelle,1896
1966. **Chrysanthia flavipes Reitter,1889** (Oedemeridae) Synonym(s): *flavipes* Reitter,1889
1967. **Nacerdes (Xanthochroa) raymondi (Mulsant & Godart,1860)** (Oedemeridae) Synonym(s): *raymondi* Mulsant & Godart,1860
1968. **Ischnomera lutescens (Abeille de Perrin,1892)** (Oedemeridae) Synonym(s): *lutescens* Abeille de Perrin,1892
1969. **Oedemera (Oncomera) flavicans (Fairmaire,1860)** (Oedemeridae) Synonym(s): *flavicans* Fairmaire,1860
1970. **Oedemera (s.str.) rufofemorata Germar,1824** (Oedemeridae) Synonym(s): *rufofemorata* Germar,1824
1971. **Oedemera (s.str.) virescens (Linnaeus,1767)** (Oedemeridae) Synonym(s): *virescens* Linnaeus,1767
1972. **Hemidendroides daglariensis (Young,2004)** (Pyrochroidae) Synonym(s): *cyanipennis*; *daglariensis* Young,2004
1973. **Aethiessa mesopotamica Burmeister,1842** (Scarabaeidae) Synonym(s): *mesopotamica* Burmeister,1842; *bagdadensis* Burmeister,1842; *inhumata* Brasavola,1939
1974. **Anisoplia (s.str.) signata Faldermann,1835** (Scarabaeidae) Synonym(s): *signata* Faldermann,1835
1975. **Anoxia (s.str.) asiatica Desbrochers,1872** (Scarabaeidae) Synonym(s): *asiatica* Desbrochers,1872; *syriaca* Brenske,1894
1976. **Aplidia akbesiana Petrovitz,1971** (Scarabaeidae) Synonym(s): *akbesiana* Petrovitz,1971
1977. **Aplidia turcica Kraatz,1882** (Scarabaeidae) Synonym(s): *turcica* Kraatz,1882
1978. **Blitopertha (s.str.) nigripennis (Burmeister,1855)** (Scarabaeidae) Synonym(s): *nigripennis* Burmeister,1855; *abdita* Petrovitz,1959; *majuscula* Medvedev
1979. **Cetonia (s.str.) delangrei Boucard,1893** (Scarabaeidae) Synonym(s): *delangrei* Boucard,1893; *syriaca* Boucard,1893; *chrysosoma* Reitter,1896
1980. **Chromovalgus peyroni (Mulsant & Wachanru,1852)** (Scarabaeidae) Synonym(s): *peyroni* Mulsant & Wachanru,1852
1981. **Copris felschei Reitter,1893** (Scarabaeidae) Synonym(s): *felschei* Reitter,1893
1982. **Gymnopleurus geoffroyi Fuessly,1785** (Scarabaeidae) Synonym(s): *geoffroyi* Fuessly,1785; *cantharus* Illiger,1803
1983. **Gymnopleurus mopsus (Pallas,1781)** (Scarabaeidae) Synonym(s): *mopsus* Pallas,1781; *dorsalis* Mulsant,1842; *indistinctus* Mulsant,1842; *laevifrons* Mulsant,1842; *castanonota* Seabra,1907; *persianus* Reitter,1909; *hortobagyensis* Papp,1943
1984. **Maladera (Macroserica) fusconitens (Fairmaire,1892)** (Scarabaeidae) Synonym(s): *fusconitens* Fairmaire,1892; *villiersi* Petrovitz,1969
1985. **Maladera (Macroserica) punctatissima (Faldermann,1835)** (Scarabaeidae) Synonym(s): *punctatissima* Faldermann,1835
1986. **Onthophagus (Palaeonthophagus) fissinasus Fairmaire,1895** (Scarabaeidae) Synonym(s): *fissinasus* Fairmaire,1895
1987. **Osmanius bathasari (Petrovitz,1963)** (Scarabaeidae) Synonym(s): *bathasari* Petrovitz,1963
1988. **Oxythyrea cinctella (Schaum,1841)** (Scarabaeidae) Synonym(s): *albella* Illiger,1802 (*praeocc.*); *cinctella* Schaum,1841; *natalia* Olsufiev,1917
1989. **Propomacrus bimucronatus (Pallas,1781)** (Scarabaeidae) Synonym(s): *bimucronatus* Pallas,1781
1990. **Protaetia (Netocia) hungarica (Herbst,1790)** (Scarabaeidae) Synonym(s): *hungarica* Herbst,1790
1991. **Protaetia (Potosia) angustata (Germar,1817)** (Scarabaeidae) Synonym(s): *hungarica* Latreille,1807 (*praeocc.*); *angustata* Germar,1817; *muelleri* Reitter,1897; *angustula* Reitter,1898; *eibesensis* Reitter,1902; *orientalis* Alexis & Delphont,1996 nec Gory & Percheron,1833
1992. **Protaetia (Potosia) cuprea (Fabricius,1775)** (Scarabaeidae) Synonym(s): *cuprea* Fabricius,1775
1993. **Protaetia (Potosia) funebris (Gory & Percheron,1833)** (Scarabaeidae) Synonym(s): *funebris* Gory & Percheron,1833; *exclamationis* Faldermann,1835; *funesta* Ménétériés,1836; *aethiessoides* Reitter,1898; *lambillionea* Alexis & Delphont,2000



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- 1995. Trichius orientalis Reitter,1894** (Scarabaeidae) Synonym(s): *orientalis* Reitter,1894
- 1996. Tropinota (Epicometis) hirta (Poda,1761)** (Scarabaeidae) Synonym(s): *hirta* Poda,1761; *hirtellus* Linnaeus,1767; *vestita* Say,1825; *nigrina* Mulsant,1842; *subfasciata* Mulsant,1842; *tonsa* Burmeister,1842; *crispa* Petrovitz,1971
- 1997. Elodes akbesianus Pic,1898** (Scirtidae) Synonym(s): *akbesianus* Pic,1898
- 1998. Hydrocyphon segrex Nyholm,1972** (Scirtidae) Synonym(s): *segrex* Nyholm,1972
- 1999. Hydrocyphon vicinans Nyholm,1972** (Scirtidae) Synonym(s): *vicinans* Nyholm,1972
- 2000. Ablattaria arenaria (Kraatz,1876)** (Silphidae) Synonym(s): *arenaria* Kraatz,1876; *punctigera* Reitter,1885; *alleoni* Portevin,1926
- 2001. Aleochara bipustulata (Linnaeus,1761)** (Staphylinidae) Synonym(s): *bipustulata* Linnaeus,1761
- 2002. Aleochara clavicornis Redtenbacher,1849** (Staphylinidae) Synonym(s): *clavicornis* Redtenbacher,1849
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- 2009. Amarochara siculifera Assing,2002** (Staphylinidae) Synonym(s): *siculifera* Assing,2002
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- 2011. Astenus lyonessius (Joy,1908)** (Staphylinidae) Synonym(s): *lyonessius* Joy,1908
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- 2013. Brachygluta foveola (Motschoulsky,1840)** (Staphylinidae) Synonym(s): *foveola* Motschoulsky,1840; *symmetrica* Bückle & Brachat,2007
- 2014. Bryoporus multipunctus Hampe,1867** (Staphylinidae) Synonym(s): *multipunctus* Hampe,1867
- 2015. Cousya nigrata (Fairmaire & Laboulbene,1856)** (Staphylinidae) Synonym(s): *nigrata* Fairmaire & Laboulbene,1856
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- 2017. Cypha laeviuscula (Mannerheim,1830)** (Staphylinidae) Synonym(s): *laeviuscula* Mannerheim,1830
- 2018. Cypha spathula Assing,2007** (Staphylinidae) Synonym(s): *spathula* Assing,2007
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- 2020. Diochus hatayus Assing,2003** (Staphylinidae) Synonym(s): *hatayus* Assing,2003
- 2021. Domene stilicina (Erichson,1840)** (Staphylinidae) Synonym(s): *stilicina* Erichson,1840; *arabica* Saulcy,1864; *galilaea* Saulcy,1864; *punctatissima* Scriba,1870
- 2022. Drusilla cernens Assing,2005** (Staphylinidae) Synonym(s): *cernens* Assing,2005
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- 2024. Drusilla pallidicornis Assing,2005** (Staphylinidae) Synonym(s): *pallidicornis* Assing,2005
- 2025. Gabrius exsculptus Assing,2004** (Staphylinidae) Synonym(s): *exsculptus* Assing,2004
- 2026. Gauropterus sanguinipennis (Kolenati,1846)** (Staphylinidae) Synonym(s): *sanguinipennis* Kolenati,1846
- 2027. Geostiba hamata Assing,2003** (Staphylinidae) Synonym(s): *hamata* Assing,2003
- 2028. Geostiba helvetiorum Pace,1983** (Staphylinidae) Synonym(s): *helvetiorum* Pace,1983
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- 2030. Geostiba seleucica Pace,1983** (Staphylinidae) Synonym(s): *seleucica* Pace,1983
- 2031. Geostiba simulans Pace,1983** (Staphylinidae) Synonym(s): *simulans* Pace,1983
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- 2033. Habrocerus simulans Assing & Wunderle,1995** (Staphylinidae) Synonym(s): *simulans* Assing & Wunderle,1995

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- 2035. Leptobium assingi Bordoni,1994** (Staphylinidae) Synonym(s): *assingi Bordoni,1994*
- 2036. Leptobium bicarinatum Assing,2005** (Staphylinidae) Synonym(s): *bicarinatum Assing,2005*
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- 2038. Leptobium syriacum (Saulcy,1865)** (Staphylinidae) Synonym(s): *syriacum Saulcy,1865; fageli Jarrige,1952; gridellianum Jarrige,1952; anatolicum Coiffait,1972*
- 2039. Leptotyphlopsis bidentata Coiffait,1969** (Staphylinidae) Synonym(s): *bidentata Coiffait,1969*
- 2040. Leptusa nurdaghensis Assing,2003** (Staphylinidae) Synonym(s): *nurdaghensis Assing,2003*
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- 2043. Medon lamellatus Assing,2004** (Staphylinidae) Synonym(s): *lamellatus Assing,2004*
- 2044. Medon lanugo Assing,2004** (Staphylinidae) Synonym(s): *lanugo Assing,2004*
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- 2046. Medon maronitus (Saulcy,1865)** (Staphylinidae) Synonym(s): *maronitus Saulcy,1865; marmarisensis Fagel,1970; alexandrinum Bordoni,1980*
- 2047. Medon seleucus Bordoni,1975** (Staphylinidae) Synonym(s): *seleucus Bordoni,1975*
- 2048. Medon semiobscurus (Fauvel,1875)** (Staphylinidae) Synonym(s): *semiobscurus Fauvel,1875; clambus Fagel,1969*
- 2049. Megalinus flavocinctus (Hochhuth,1849)** (Staphylinidae) Synonym(s): *flavocinctus Hochhuth,1849*
- 2050. Meotica decolor Assing,2004** (Staphylinidae) Synonym(s): *decolor Assing,2004*
- 2051. Micrillus testaceus (Erichson,1840)** (Staphylinidae) Synonym(s): *testaceus Erichson,1840; pubipenne Fairmaire,1860; zuercheri Wanka,1914; libanicus Coiffait,1980; turcicus Coiffait,1980; zacanthicus Coiffait,1980*
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- 2054. Myrmecopora publicana Saulcy,1865** (Staphylinidae) Synonym(s): *publicana Saulcy,1865*
- 2055. Nazeris ammonita (Saulcy,1865)** (Staphylinidae) Synonym(s): *ammonita Saulcy,1865*
- 2056. Nazeris turcicus Assing,2001** (Staphylinidae) Synonym(s): *turcicus Assing,2001*
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- 2059. Oligota meybohmi Assing,2003** (Staphylinidae) Synonym(s): *meybohmi Assing,2003*
- 2060. Oxypoda collaris Saulcy,1865** (Staphylinidae) Synonym(s): *collaris Saulcy,1865*
- 2061. Oxypoda disjuncta Assing,2006** (Staphylinidae) Synonym(s): *disjuncta Assing,2006*
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- 2067. Oxypoda longipes Mulsant & Rey,1861** (Staphylinidae) Synonym(s): *longipes Mulsant & Rey,1861*
- 2068. Oxypoda lurida Wollaston,1857** (Staphylinidae) Synonym(s): *lurida Wollaston,1857*
- 2069. Oxypoda scheerpeltziana (Fagel,1968)** (Staphylinidae) Synonym(s): *scheerpeltziana Fagel,1968*
- 2070. Oxypoda schuelkei Assing,2004** (Staphylinidae) Synonym(s): *schuelkei Assing,2004*
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- 2075. Piochardia reitteri (Wasmann, 1894)** (Staphylinidae) Synonym(s): *reitteri* Wasmann, 1894
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- 2087. Quedius safaensis Fagel, 1968** (Staphylinidae) Synonym(s): *safaensis* Fagel, 1968; *ormanus* Fagel, 1971 [ssp.]
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- 2091. Scopaeus gracilis (Sperk, 1835)** (Staphylinidae) Synonym(s): *gracilis* Sperk, 1835
- 2092. Scopaeus minimus (Erichson, 1839)** (Staphylinidae) Synonym(s): *minimus* Erichson, 1839; *pamphylicus* Coiffait, 1969
- 2093. Stenus calidus Baudi di Selve, 1848** (Staphylinidae) Synonym(s): *calidus* Baudi di Selve, 1848
- 2094. Stenus cyaneus Baudi di Selve, 1848** (Staphylinidae) Synonym(s): *cyaneus* Baudi di Selve, 1848
- 2095. Stenus glacialis Bernhauer, 1929** (Staphylinidae) Synonym(s): *glacialis* Bernhauer, 1929; *sublaeviventris* Bernhauer, 1929
- 2096. Stenus libanicus Puthz, 1970** (Staphylinidae) Synonym(s): *libanicus* Puthz, 1970
- 2097. Stenus nurdaghensis Assing, 2003** (Staphylinidae) Synonym(s): *nurdaghensis* Assing, 2003
- 2098. Sunius amanensis Assing, 2005** (Staphylinidae) Synonym(s): *amanensis* Assing, 2005
- 2099. Sunius hatayanus Assing, 2005** (Staphylinidae) Synonym(s): *hatayanus* Assing, 2005
- 2100. Sunius nurdaghensis Assing, 2001** (Staphylinidae) Synonym(s): *nurdaghensis* Assing, 2001
- 2101. Tychus brevipennis J. Sahlberg, 1908** (Staphylinidae) Synonym(s): *brevipennis* J. Sahlberg, 1908
- 2102. Xantholinus ciliciae Bordoni, 1971** (Staphylinidae) Synonym(s): *ciliciae* Bordoni, 1971
- 2103. Xantholinus rufipennis Erichson, 1839** (Staphylinidae) Synonym(s): *rufipennis* Erichson, 1839; *phenicus* Coiffait, 1971
- 2104. Adesmia (s.str.) anthracina Klug, 1830** (Tenebrionidae) Synonym(s): *anthracina* Klug, 1830; *olivieri* Reiche & Saulcy, 1857
- 2105. Blaps splichali Gebien, 1913** (Tenebrionidae) Synonym(s): *splichali* Gebien, 1913
- 2106. Cabirutus gracilis (Reitter, 1904)** (Tenebrionidae) Synonym(s): *gracilis* Reitter, 1904
- 2107. Dallognatha quadricollis Brullé, 1832** (Tenebrionidae) Synonym(s): *quadricollis* Brullé, 1832
- 2108. Dendarus (Pandarinus) punctatus Audinet-Serville, 1825** (Tenebrionidae) Synonym(s): *punctatus* Audinet-Serville, 1825
- 2109. Entomogonus (Delonurops) obtusus Seidlitz, 1893** (Tenebrionidae) Synonym(s): *obtusus* Seidlitz, 1893
- 2110. Gonocephalum rusticum (Olivier, 1811)** (Tenebrionidae) Synonym(s): *rusticum* Olivier, 1811
- 2111. Melanimon kiritshenkoi Reichart, 1936** (Tenebrionidae) Synonym(s): *kiritshenkoi* Reichart, 1936

- 2112. Omophlus (Odontomophlus) foveicollis Fairmaire, 1892** (Tenebrionidae)  
Synonym(s): *foveicollis* Fairmaire, 1892
- 2113. Omophlus (s.str.) hirtipennis Seidlitz, 1896** (Tenebrionidae) Synonym(s): *hirtipennis* Seidlitz, 1896
- 2114. Pimelia (Eurypimelia) akbesiana Fairmaire, 1884** (Tenebrionidae) Synonym(s): *akbesiana* Fairmaire, 1884
- 2115. Raiboscelis coelestinus (Waltl, 1838)** (Tenebrionidae) Synonym(s): *coelestinus* Waltl, 1838
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- 2117. Tribolium castaneum (Herbst, 1797)** (Tenebrionidae) Synonym(s): *castaneum* Herbst, 1797
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For further bibliographical items, vide Koçak & Kemal, 2010 [nr.102], 2011 [nr.107]; Koçak, 2014 [nr.114].

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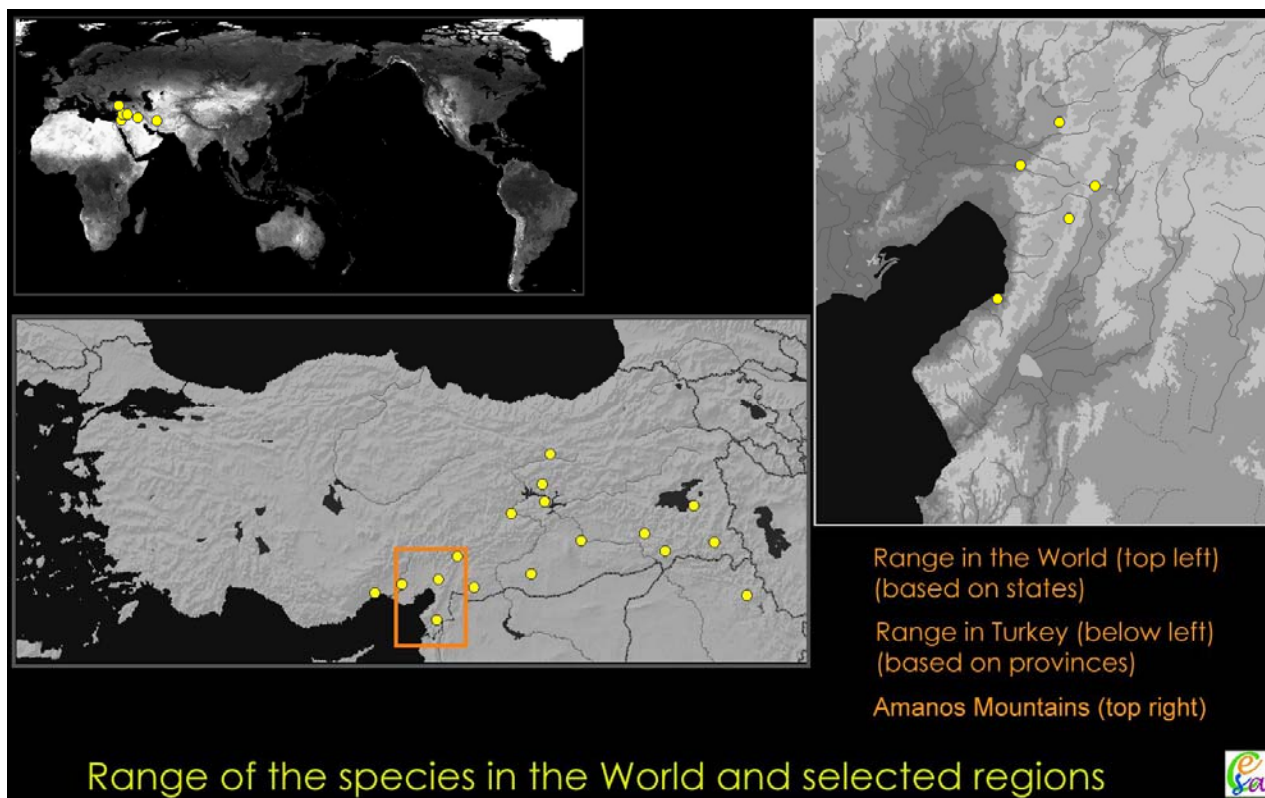


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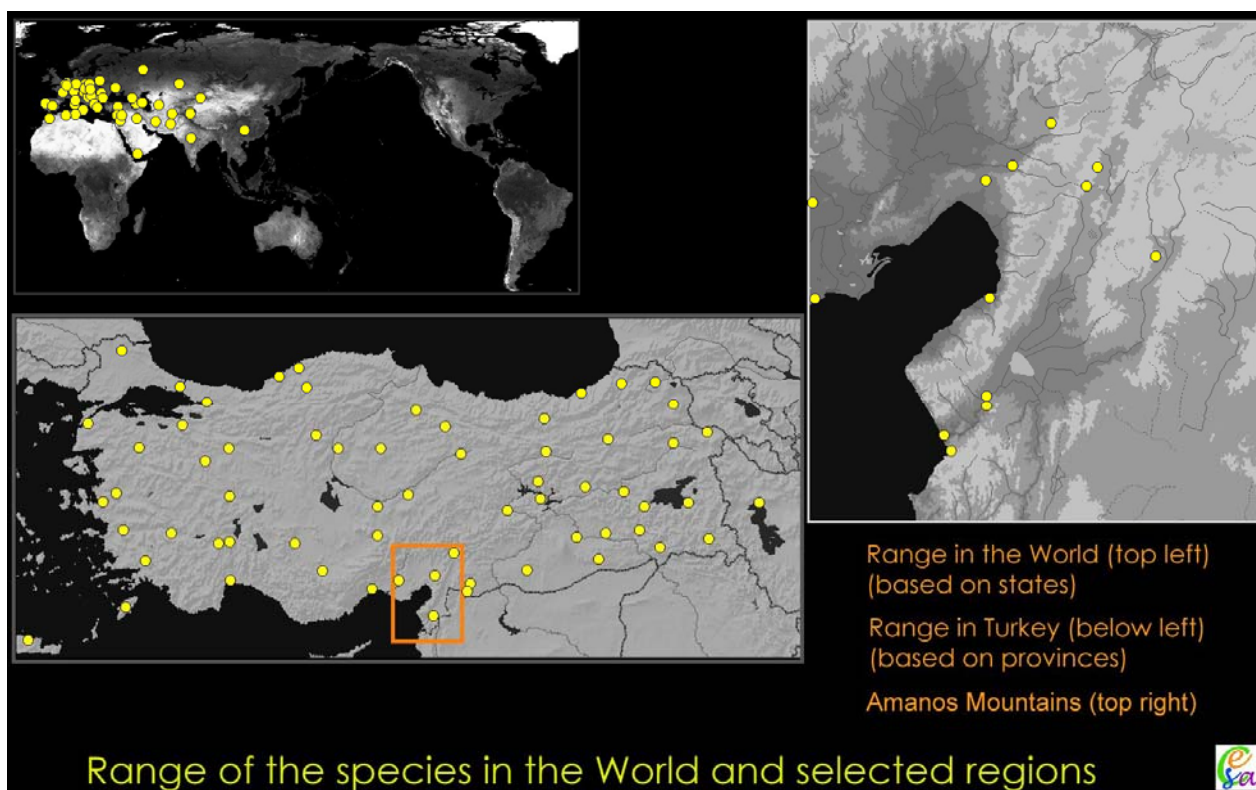
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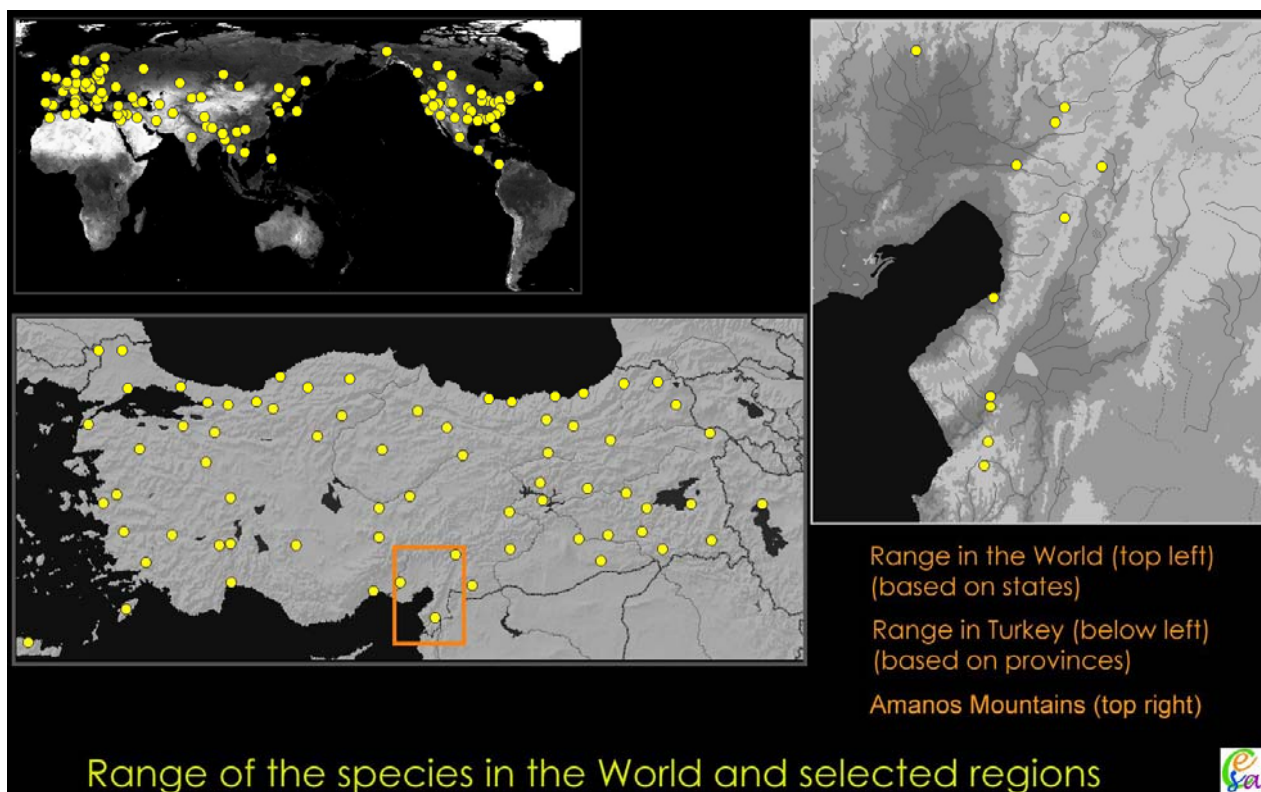
## Integrated Maps



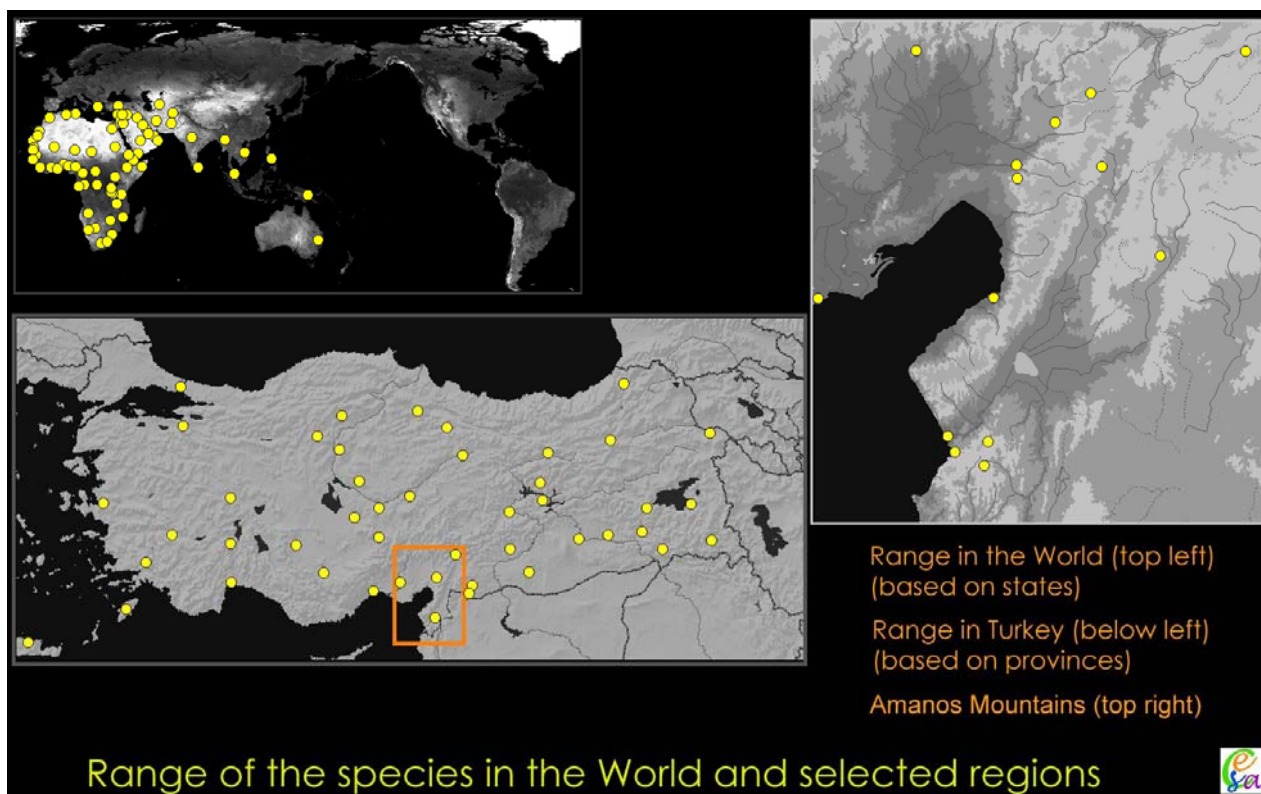
**Map 1 (11) -** *Melitaea (Cinclidia) collina* Lederer, 1861 (Argynniidae)



**Map 2 (27) -** *Carcharodus (s.str.) alceae* (Esper, [1780]) (Hesperiidae)

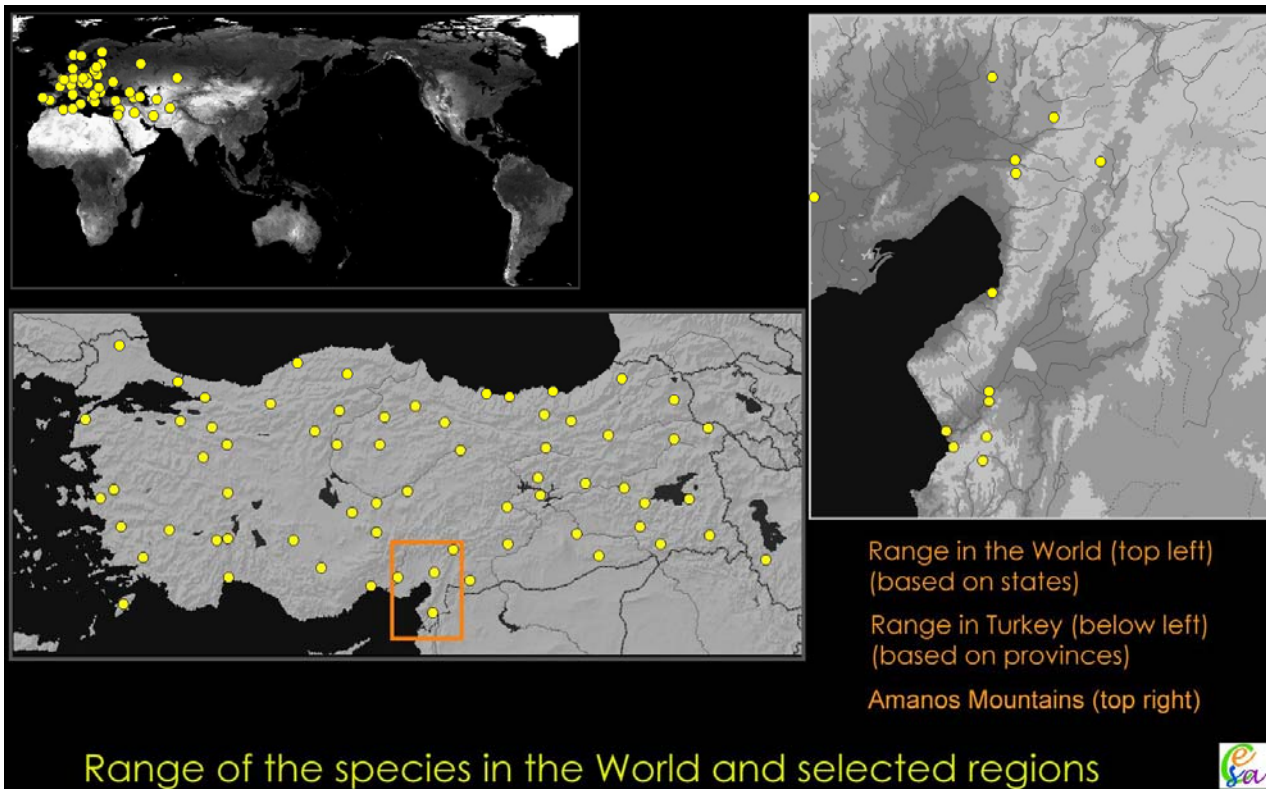


**Map 3 (45) -** *Celastrina argiolus* (Linnaeus, 1758) (Lycaenidae)

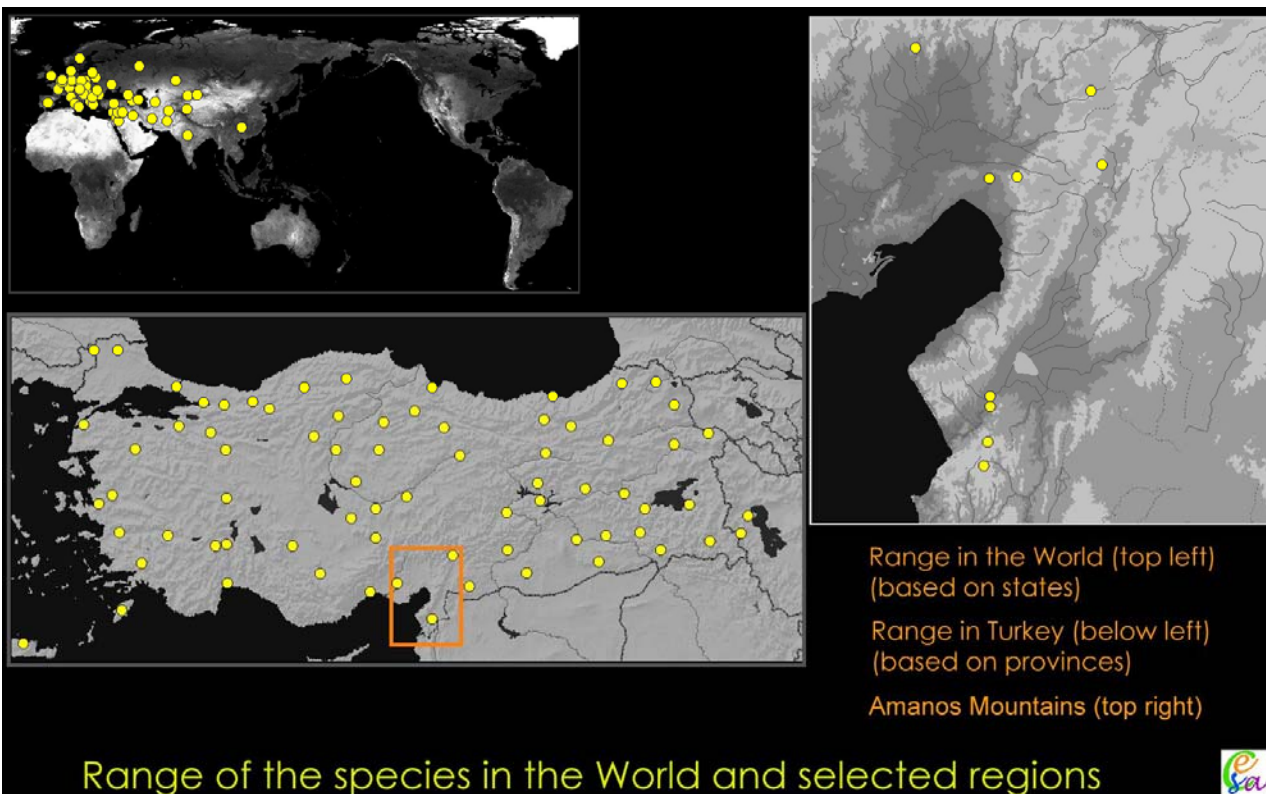


**Map 4 (46) -** *Chilades (Freyeria) trochylus* (Freyer, [1843]) (Lycaenidae)

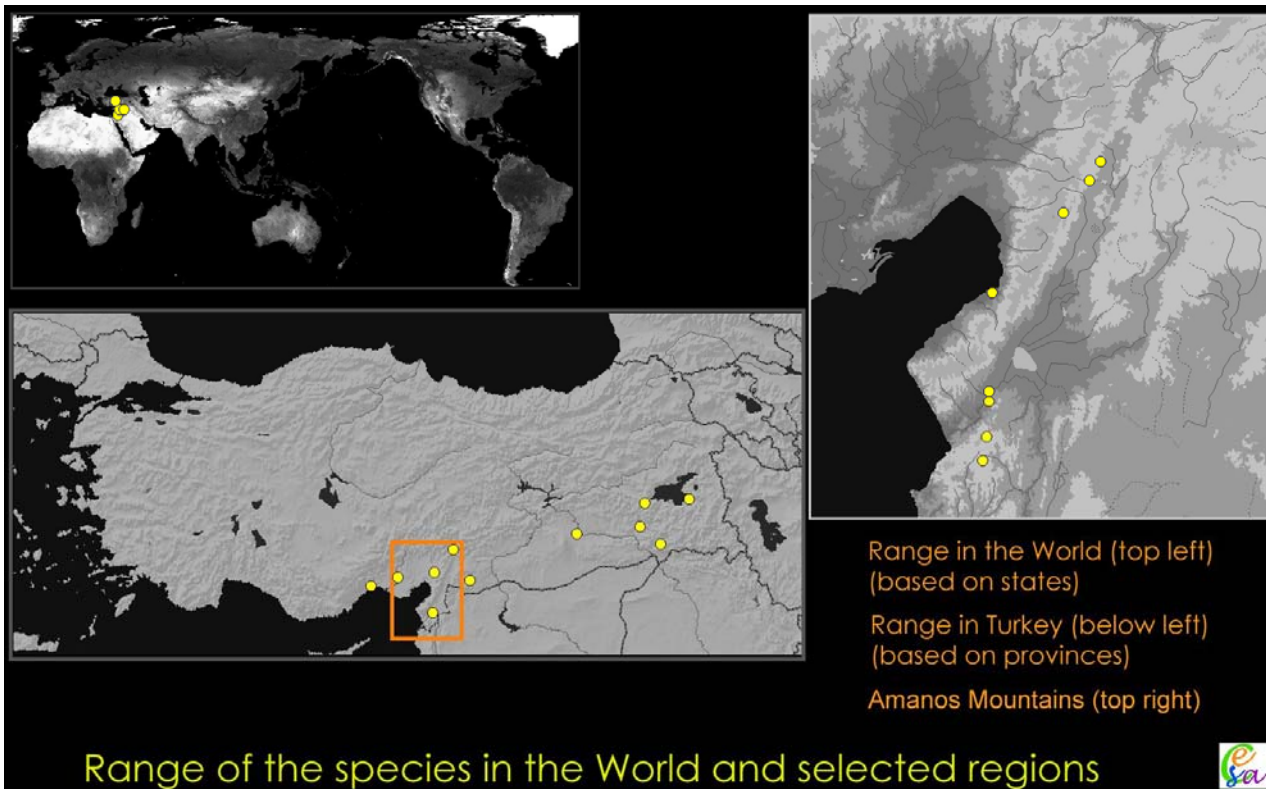




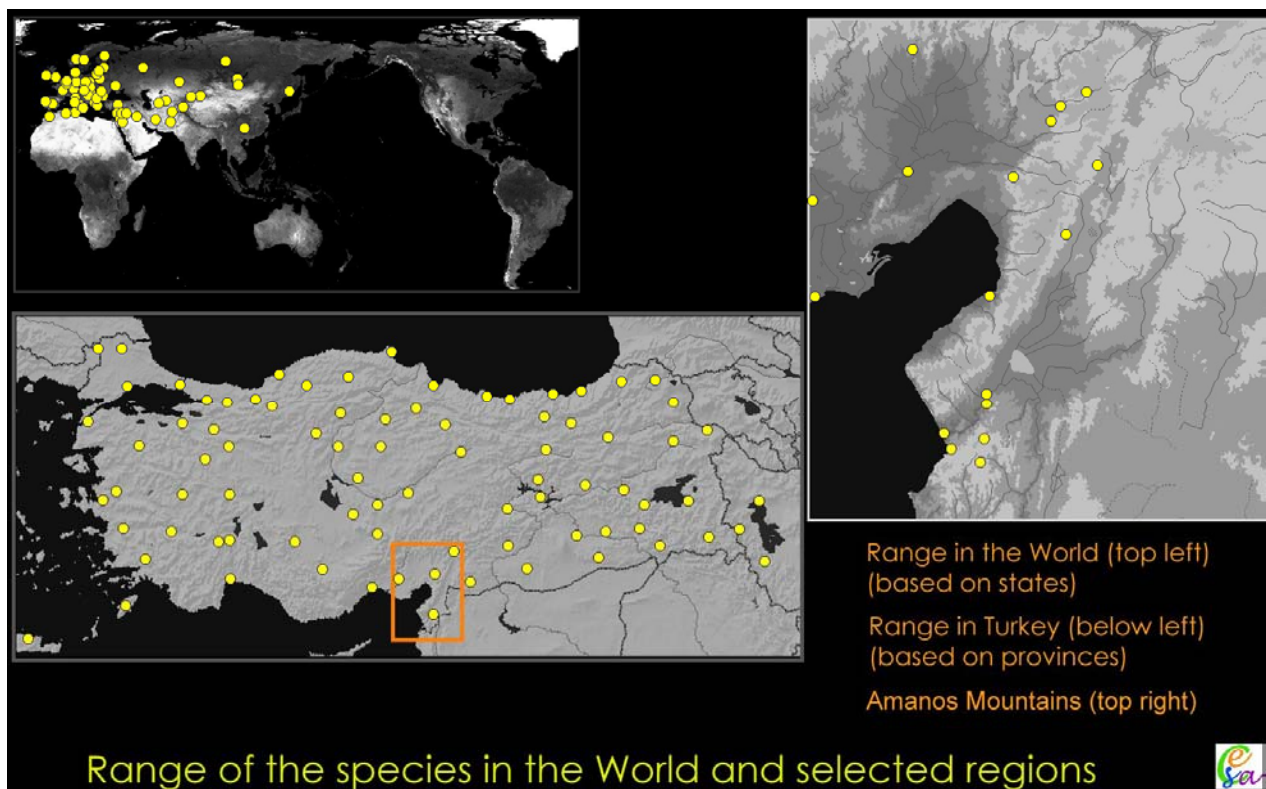
**Map 5** (51) *Glaucopsyche* (s.str.) *alexis* (Poda,1761) (Lycaenidae)



**Map 6** (62) - *Polyommatus* (*Aricia* (s.str.)) *agestis* ([Denis & Schiffermüller],1775) (Lycaenidae)

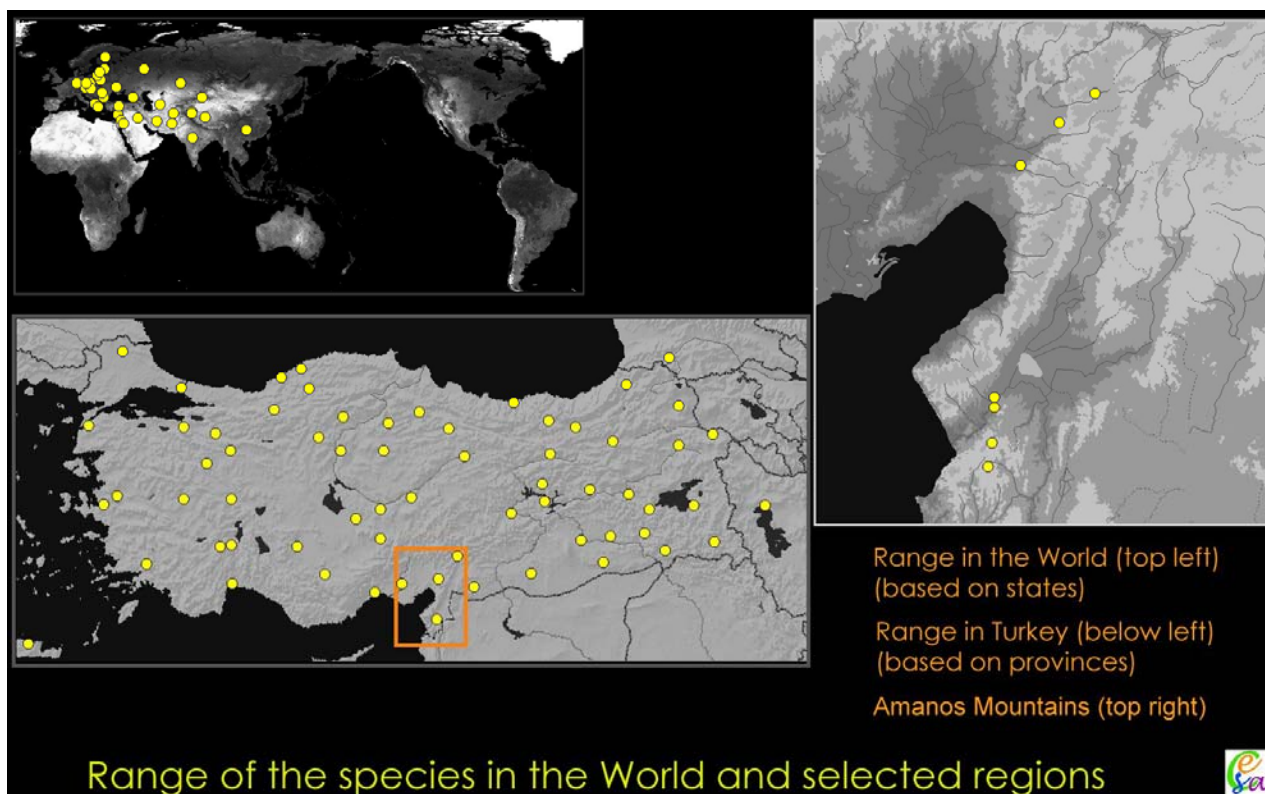


**Map 7** (64) *Polyommatus* (s.str. (*Cyaniris*)) *antiochenus* (Lederer, 1861) (Lycaenidae)

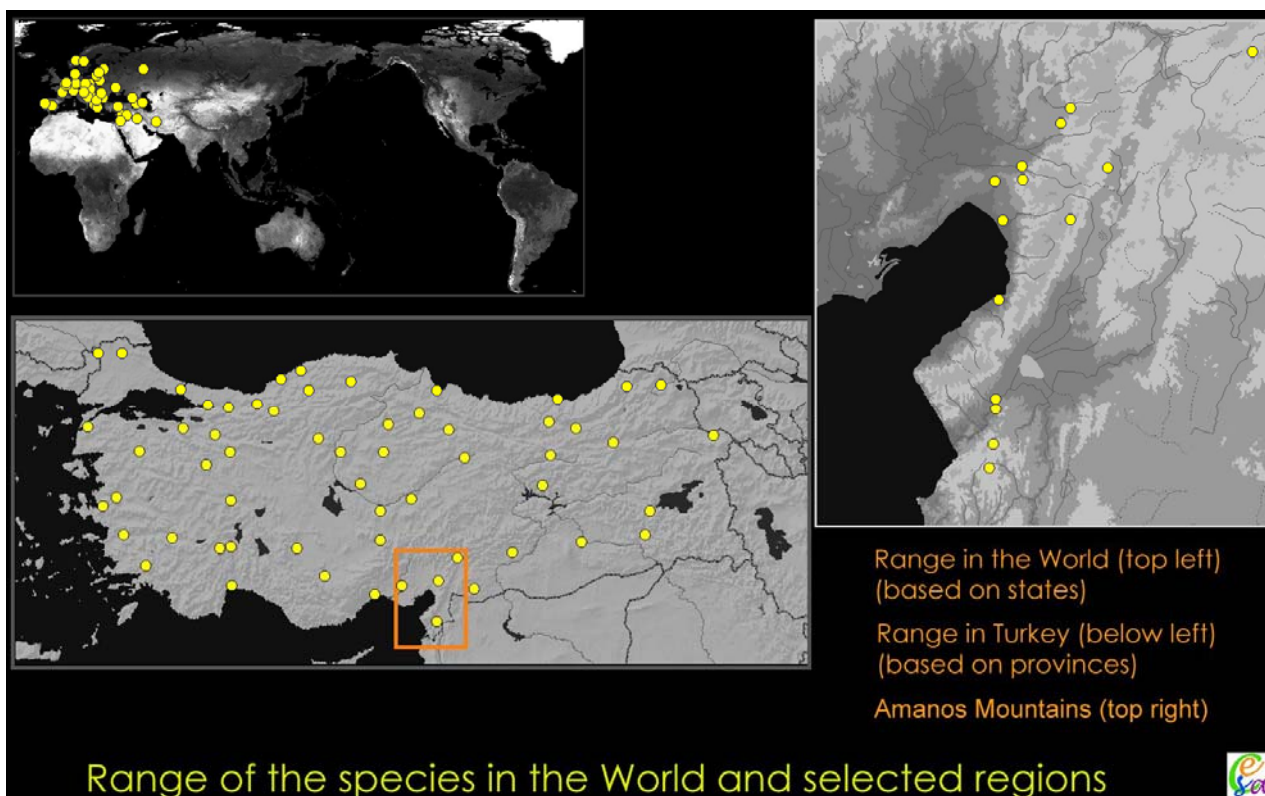


**Map 8** (73) - *Polyommatus* (s.str.) *icarus* (Rottemburg, 1775) (Lycaenidae)

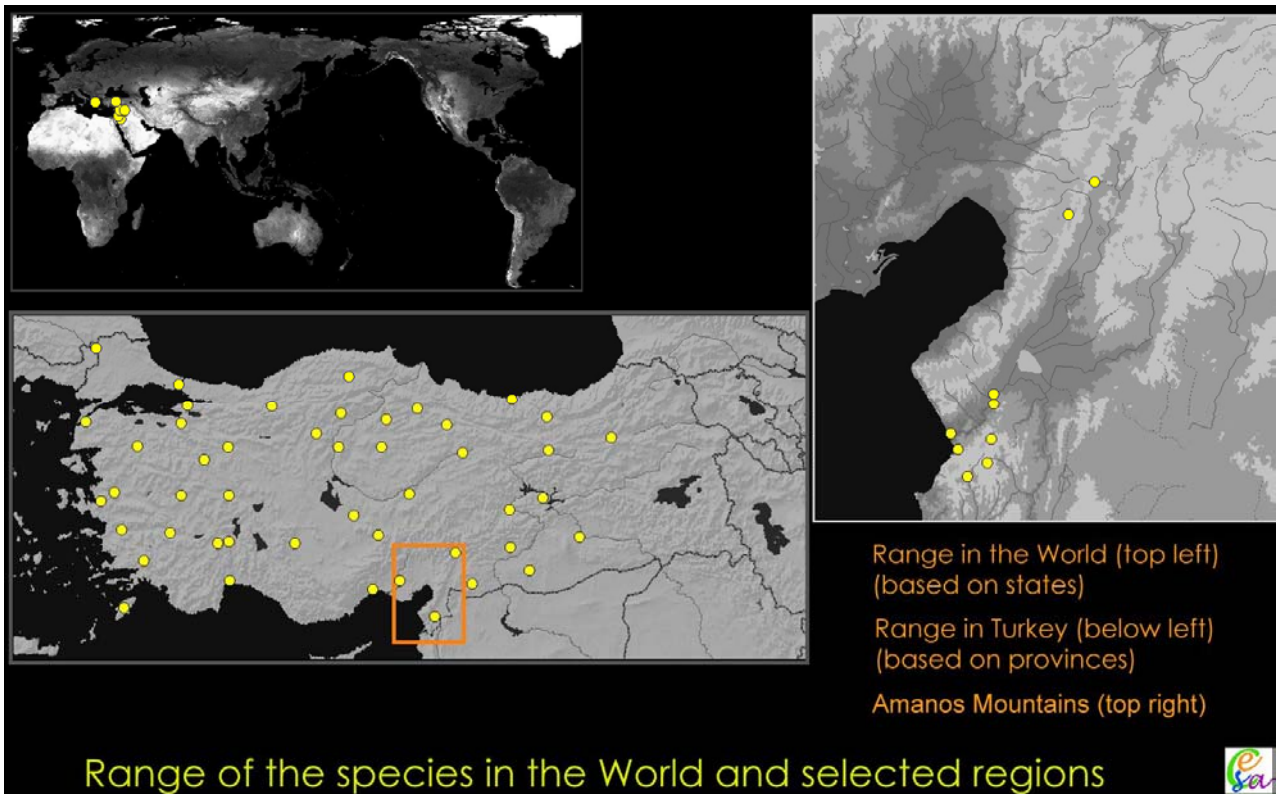




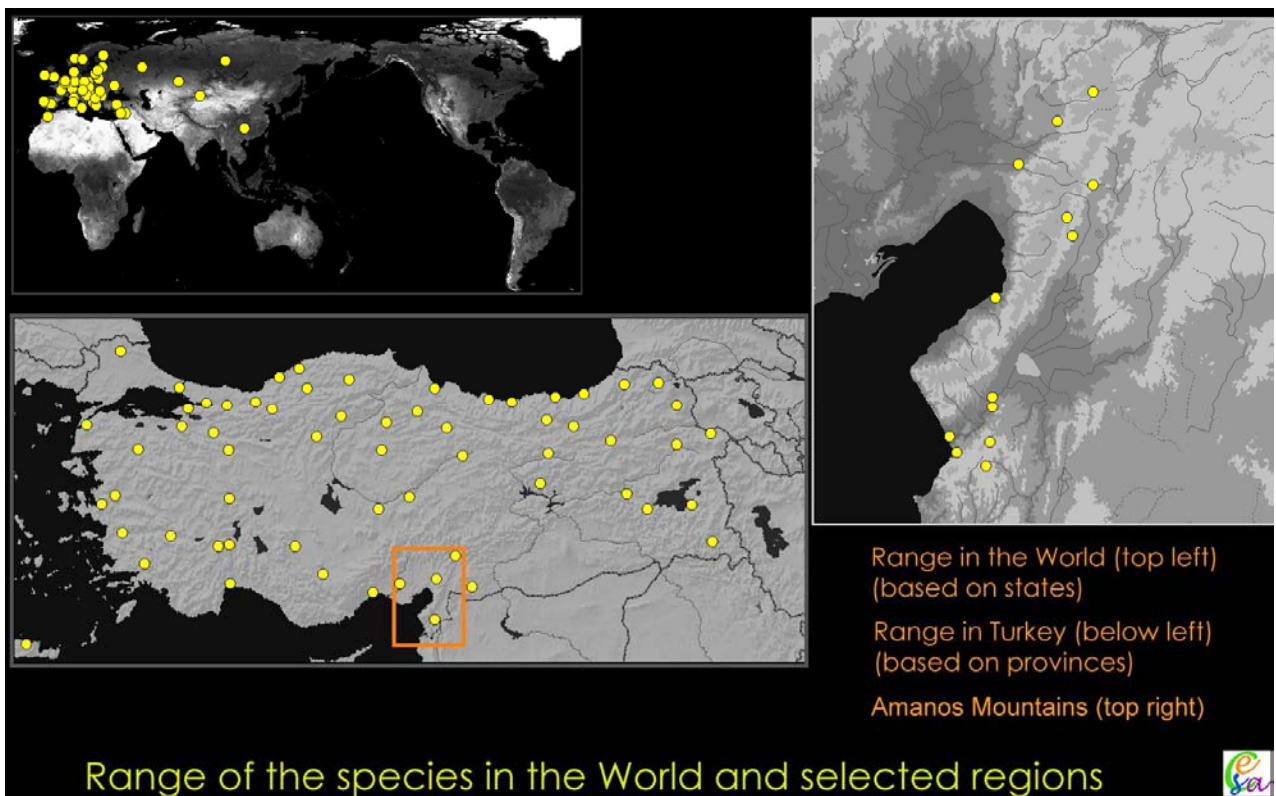
**Map 9** (74) - *Pseudophilotes vicrama* (Moore,1865) (Lycaenidae)



**Map 10** (77) - *Satyrium (Nordmannia) ilicis* (Esper,[1779]) (Lycaenidae)

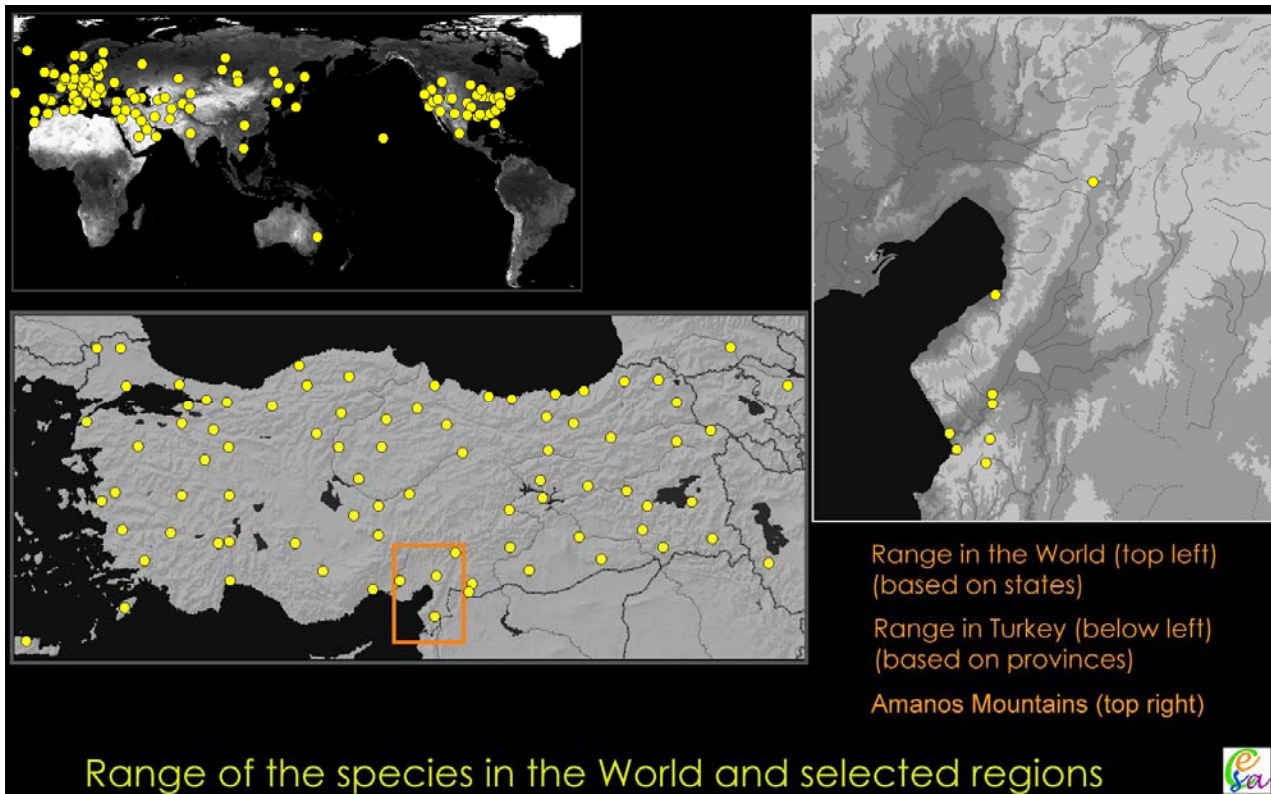


**Map 11** (83) - *Archon apollinus* (Herbst, 1798) (Papilionidae)

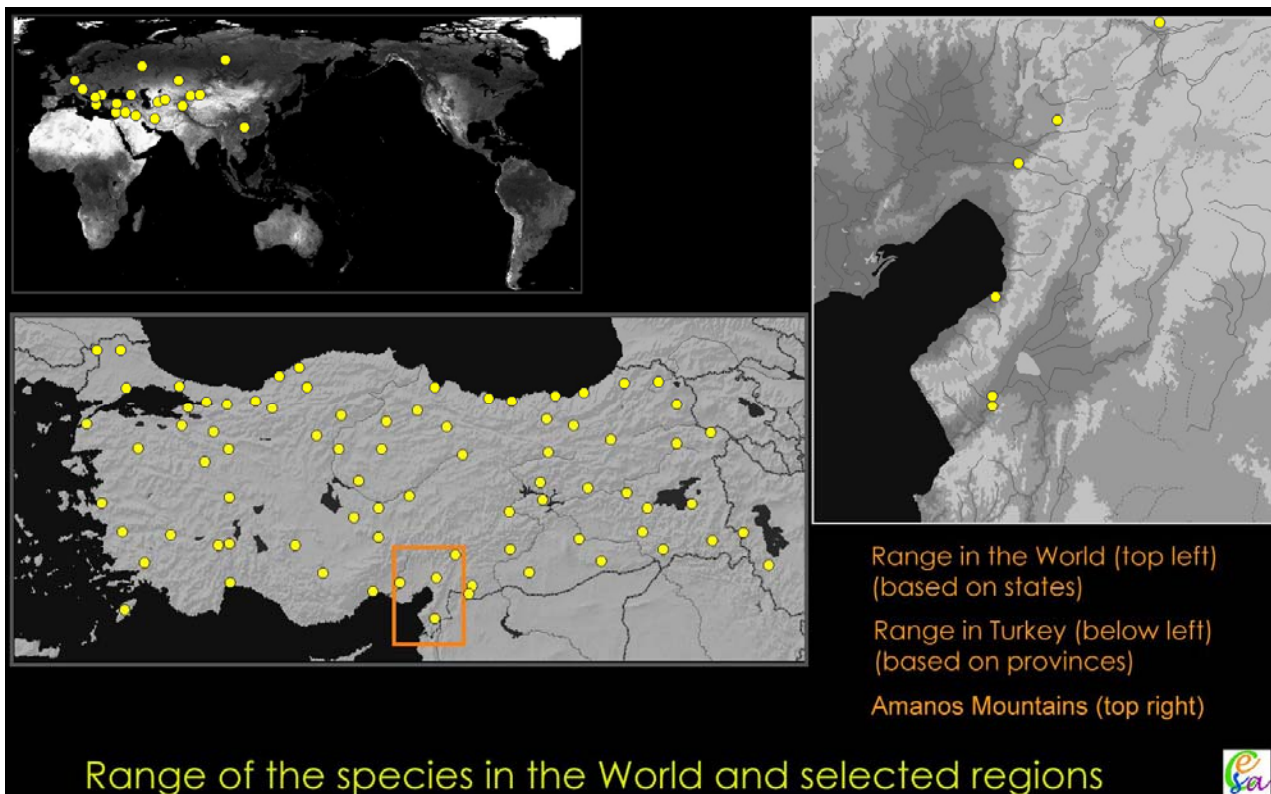


**Map 12** (104) - *Leptidea sinapis* (Linnaeus, 1758) (Pieridae)

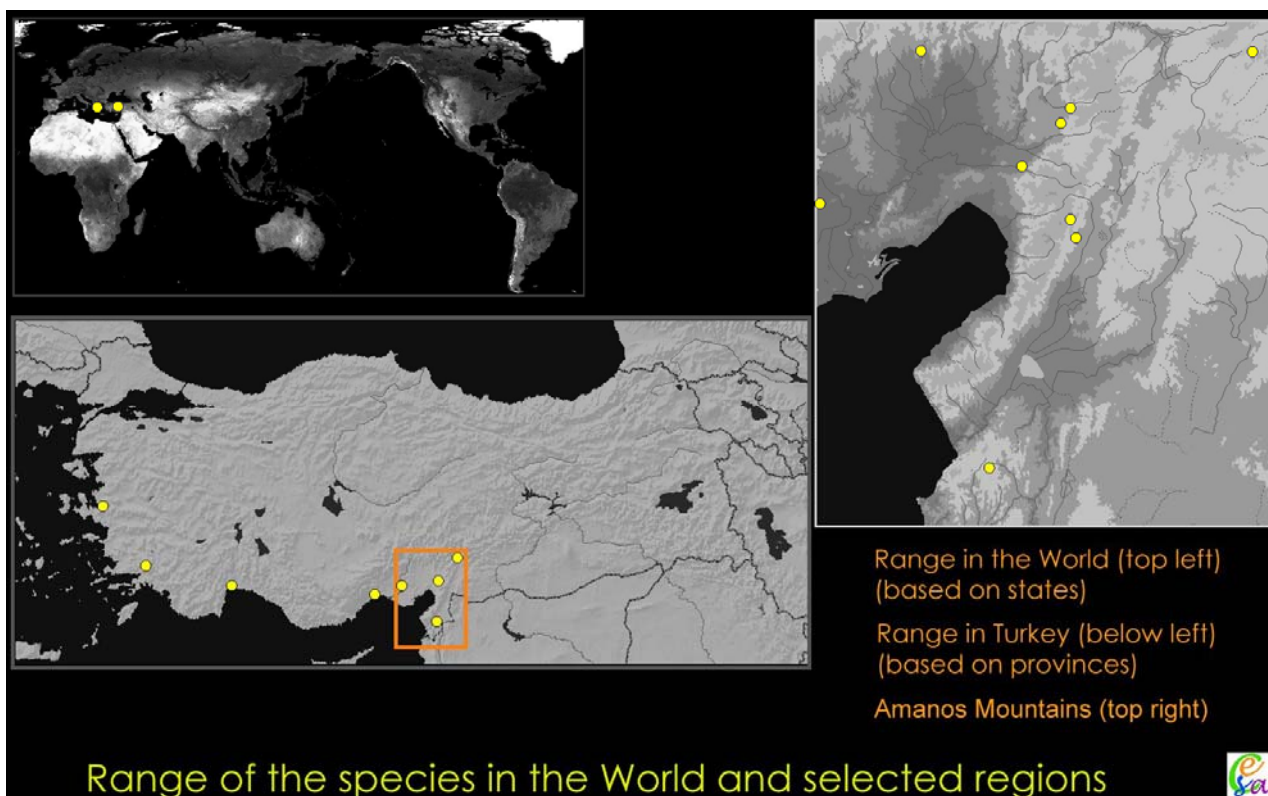




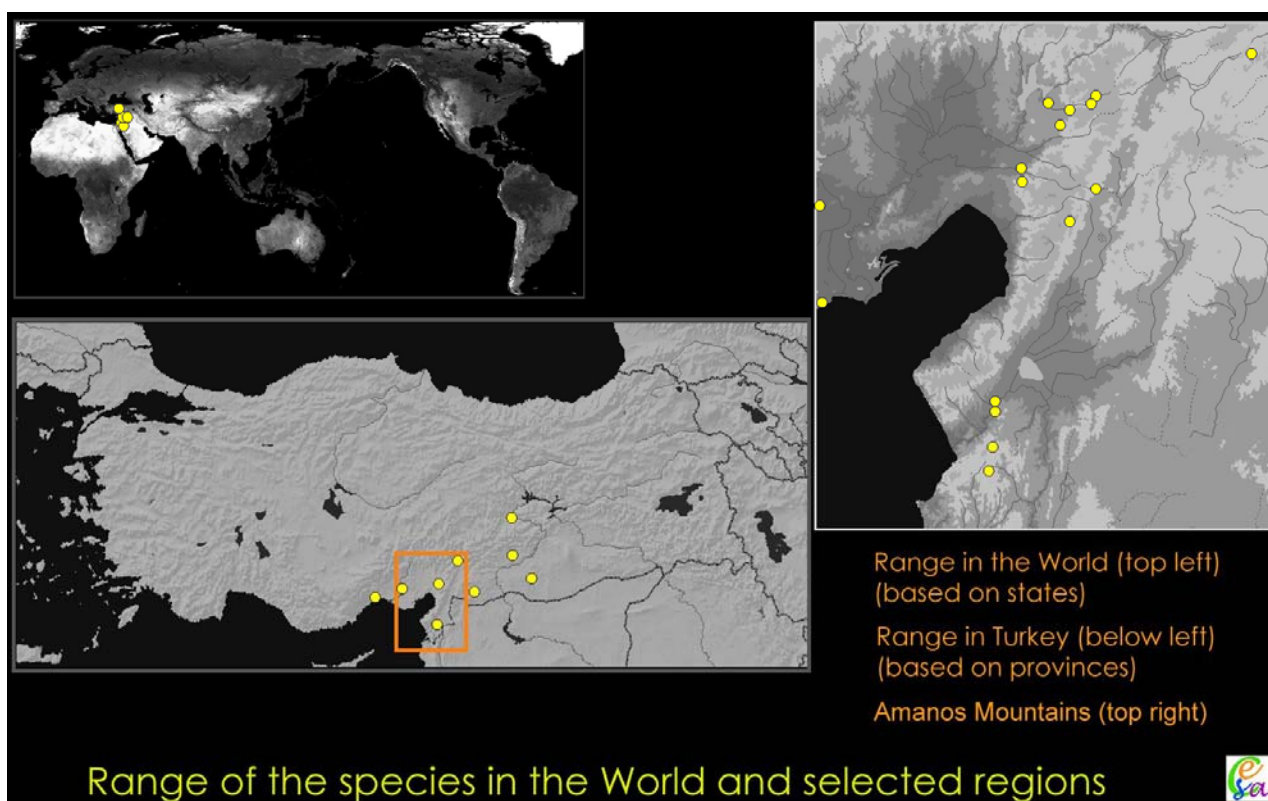
**Map 13** (108) - *Pieris (Artogeia) rapae* (Linnaeus,1758) (Pieridae)



**Map 14** (110) - *Pontia edusa* (Fabricius,1777) (Pieridae)

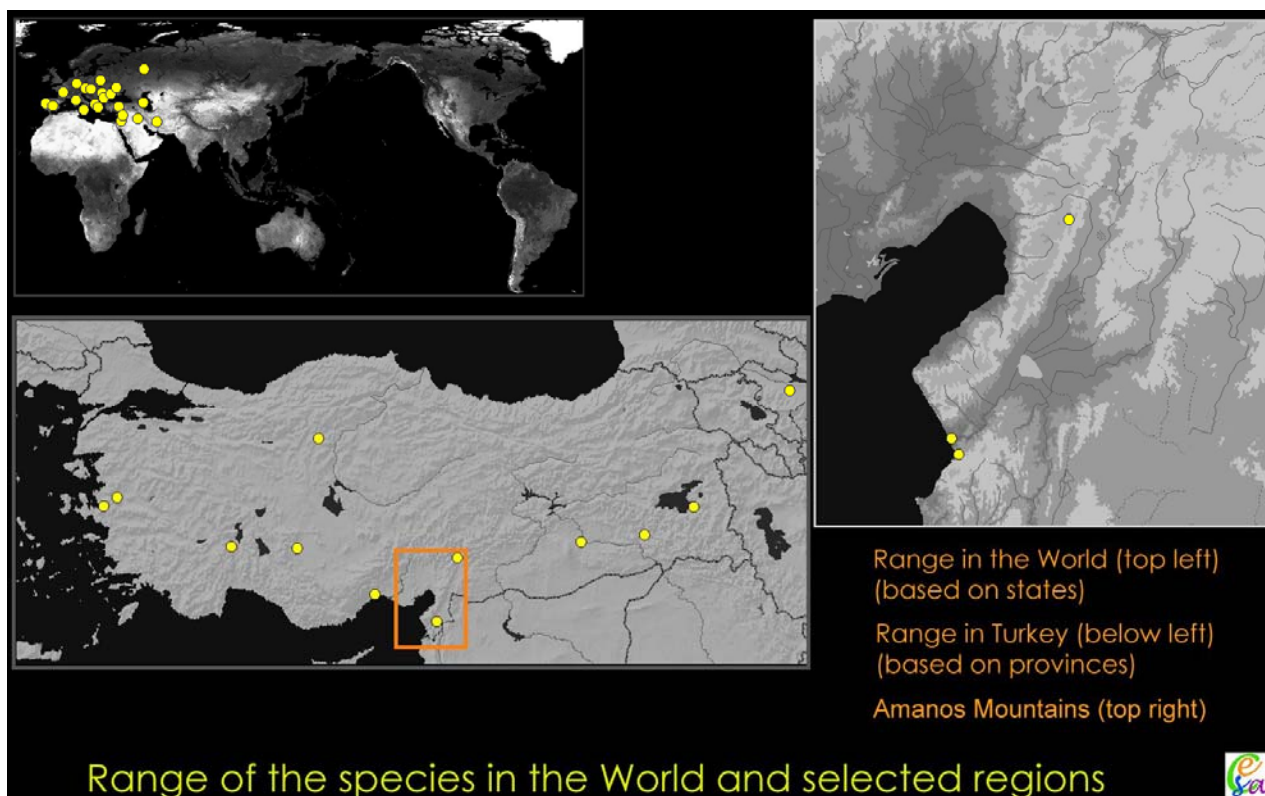


**Map 15** (127) - *Maniola* (s.str.) *megala* (Oberthür, 1909) (Satyridae)

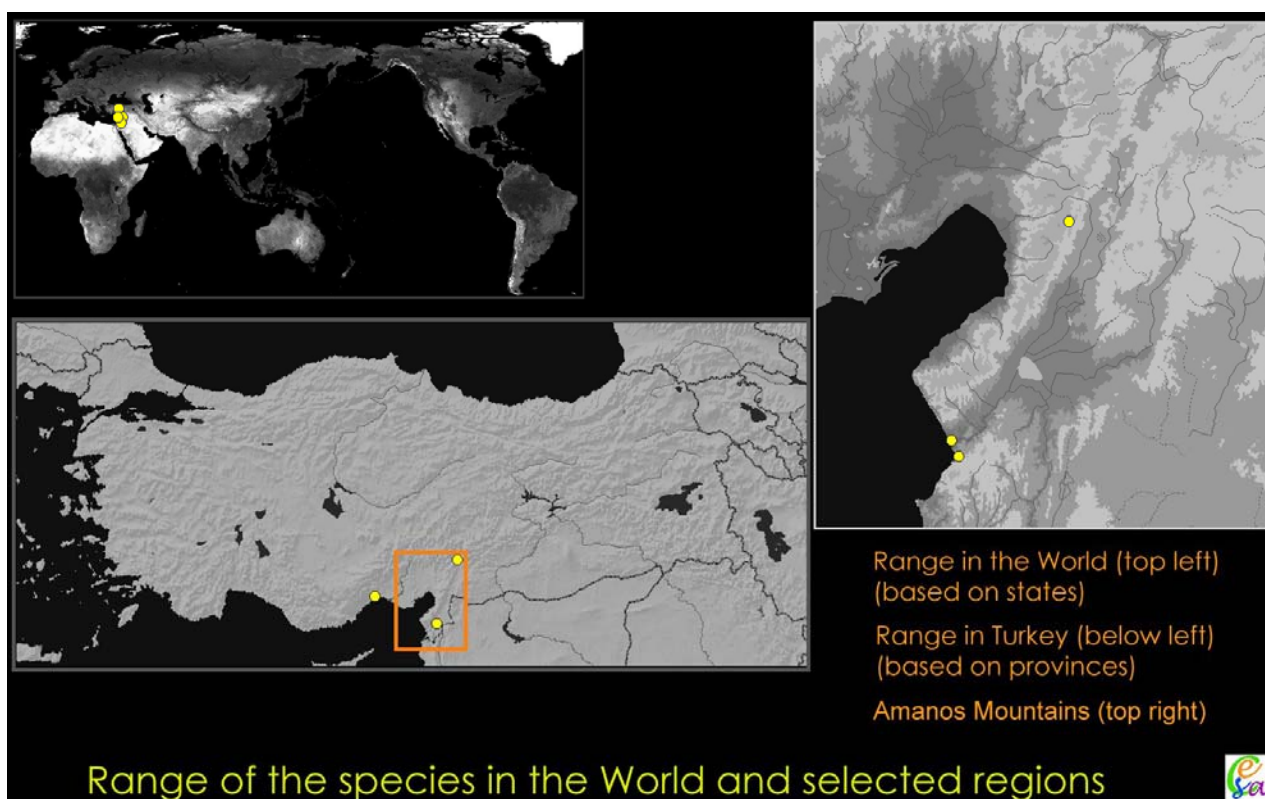


**Map 16** (129) - *Melanargia* (Turcargia) *titea* (Klug, 1832) (Satyridae)

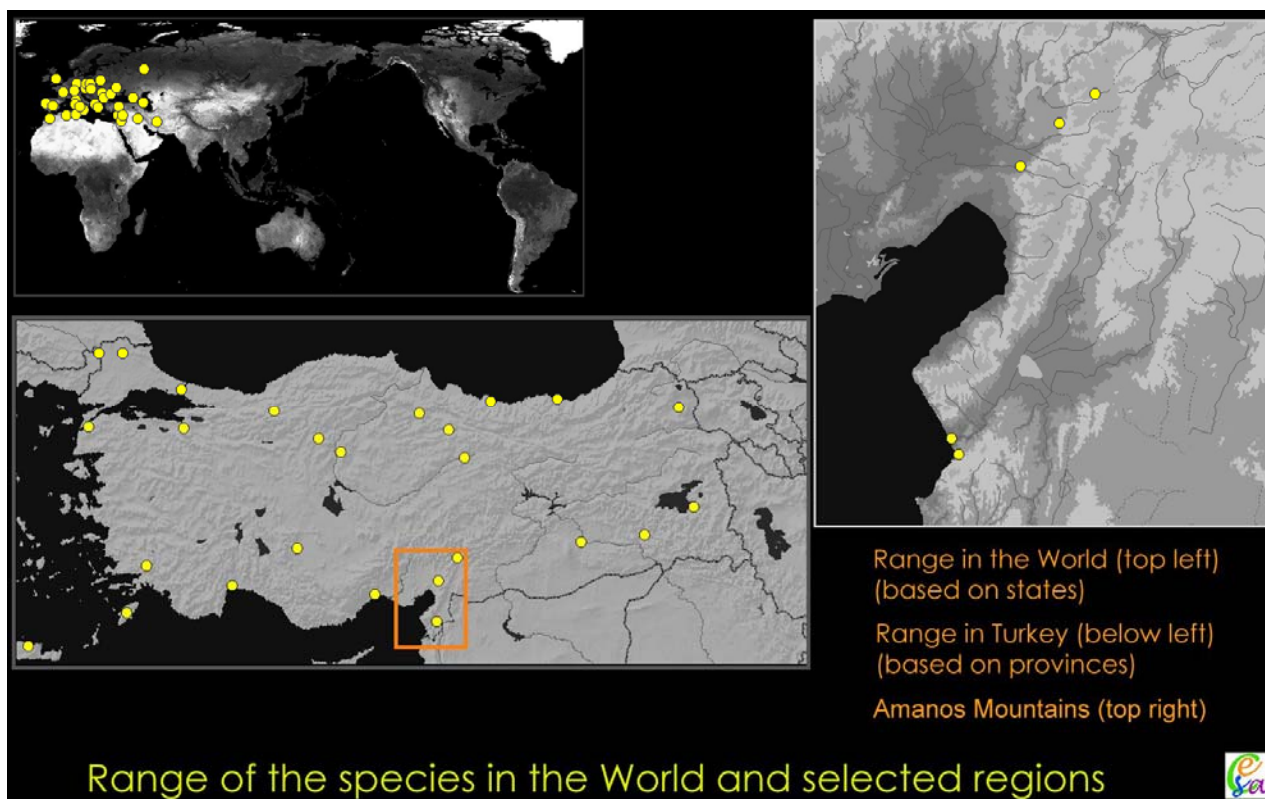




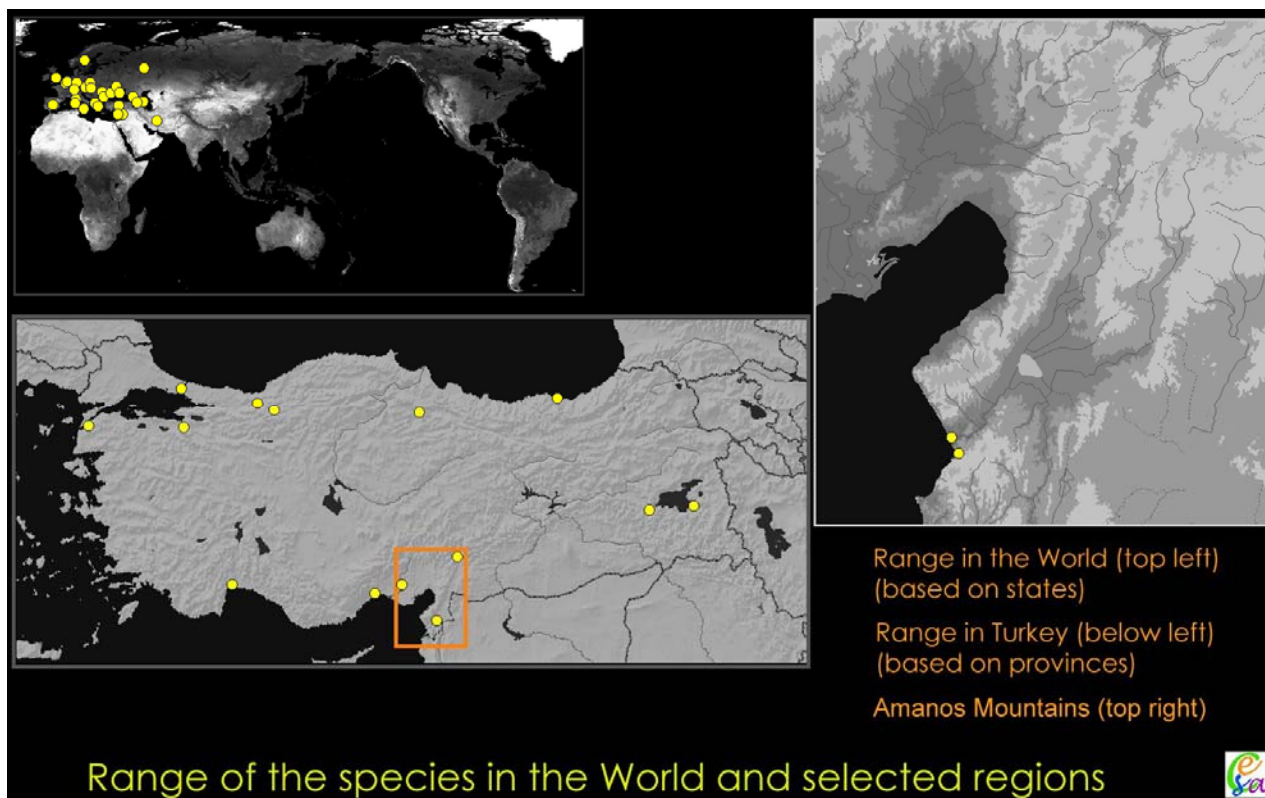
**Map 17 (203) -** *Eupithecia extremata* (Fabricius, 1787) (Geometridae)



**Map 18 (217) -** *Hyposcotis (Euchrognophos) subtaurica* (Wehrli, 1932) (Geometridae)

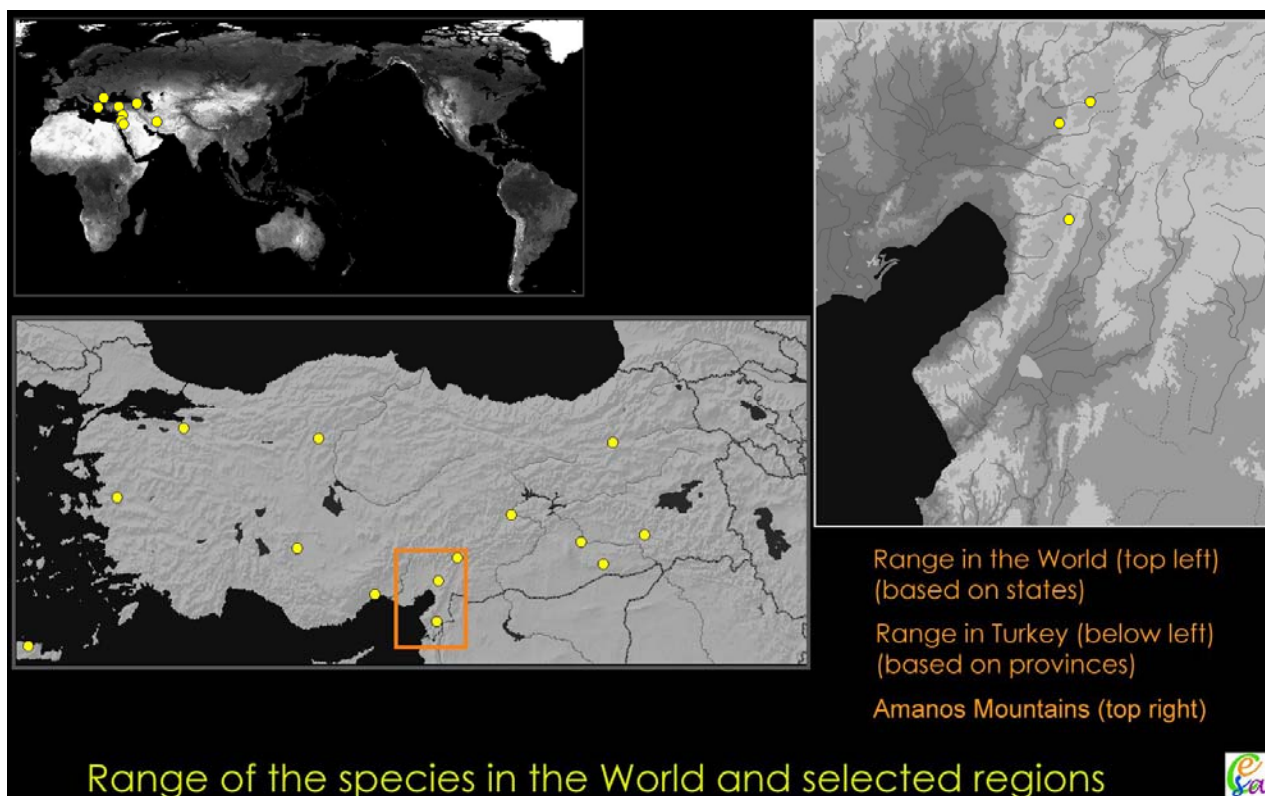


**Map 19** (222) - *Idaea degeneraria* (Hübner,[1799]) (Geometridae)

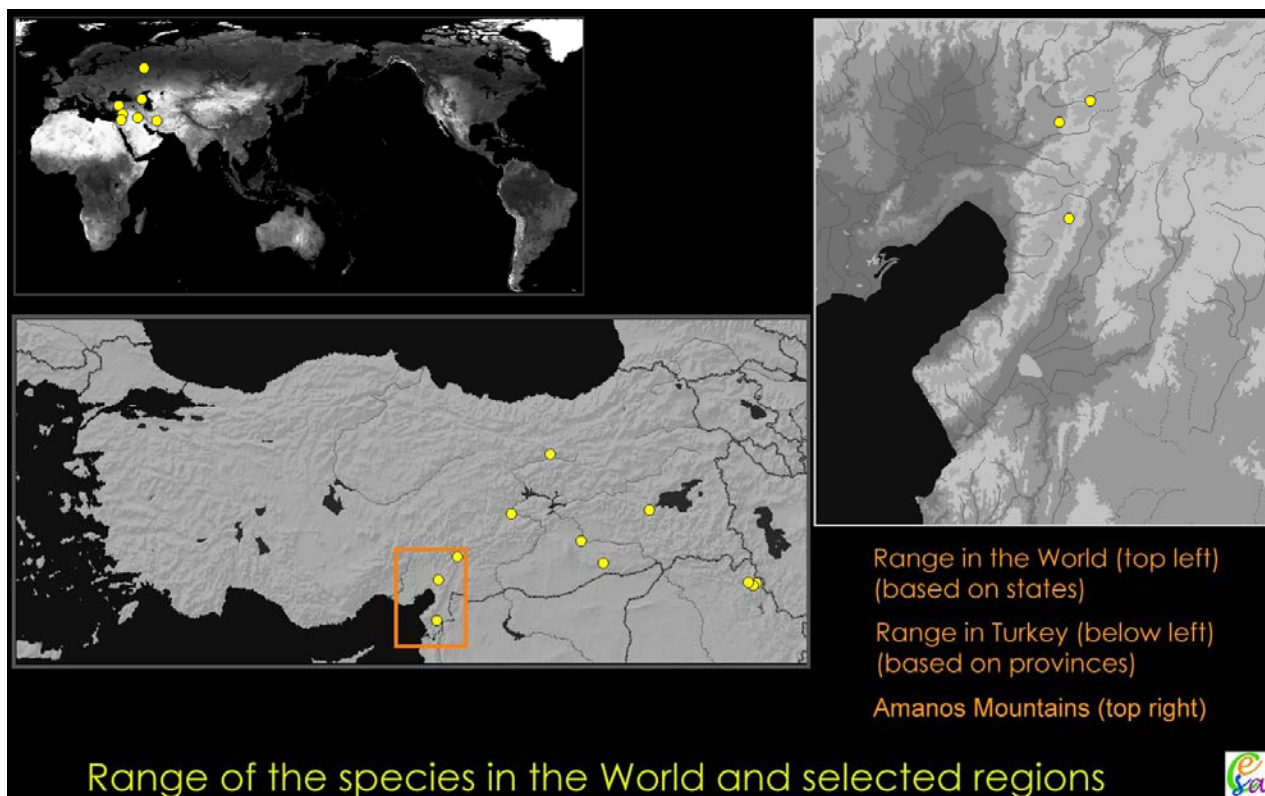


**Map 20** (241) - *Idaea trigeminata* (Haworth,[1809]) (Geometridae)

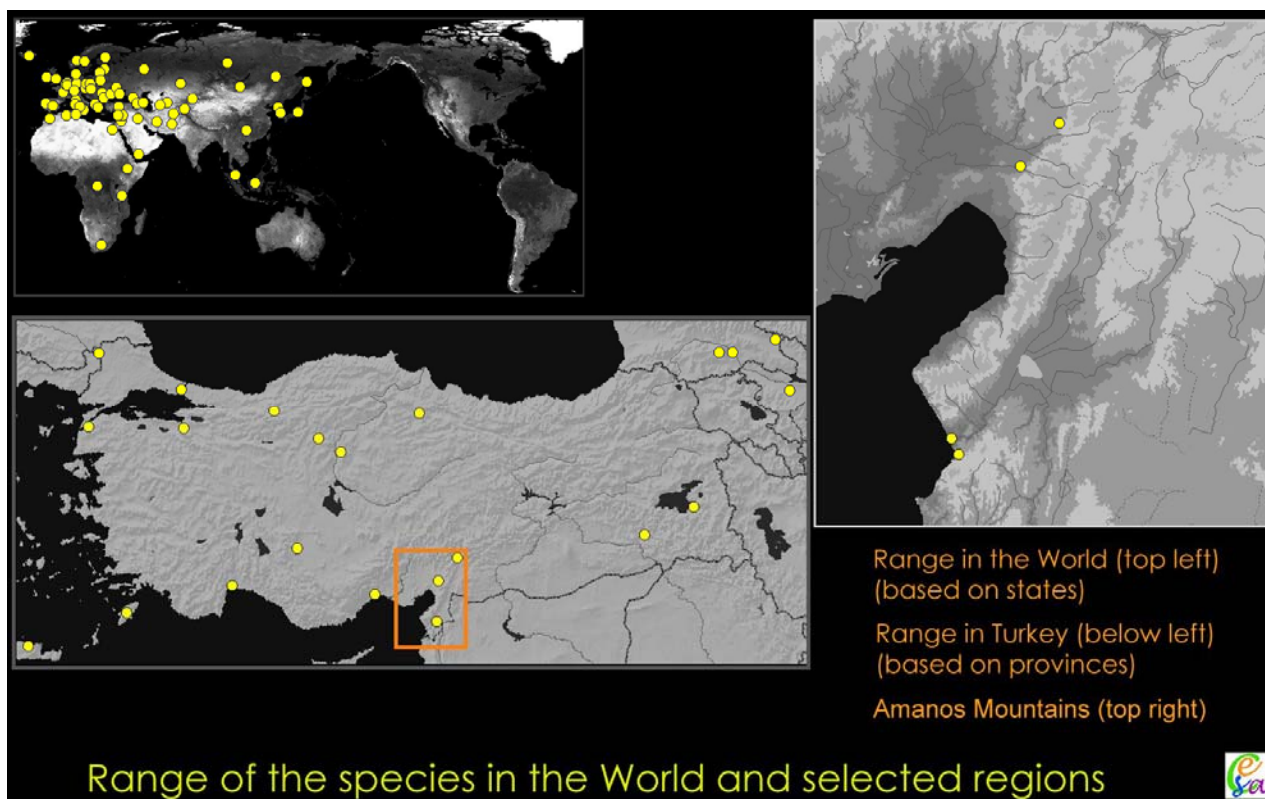




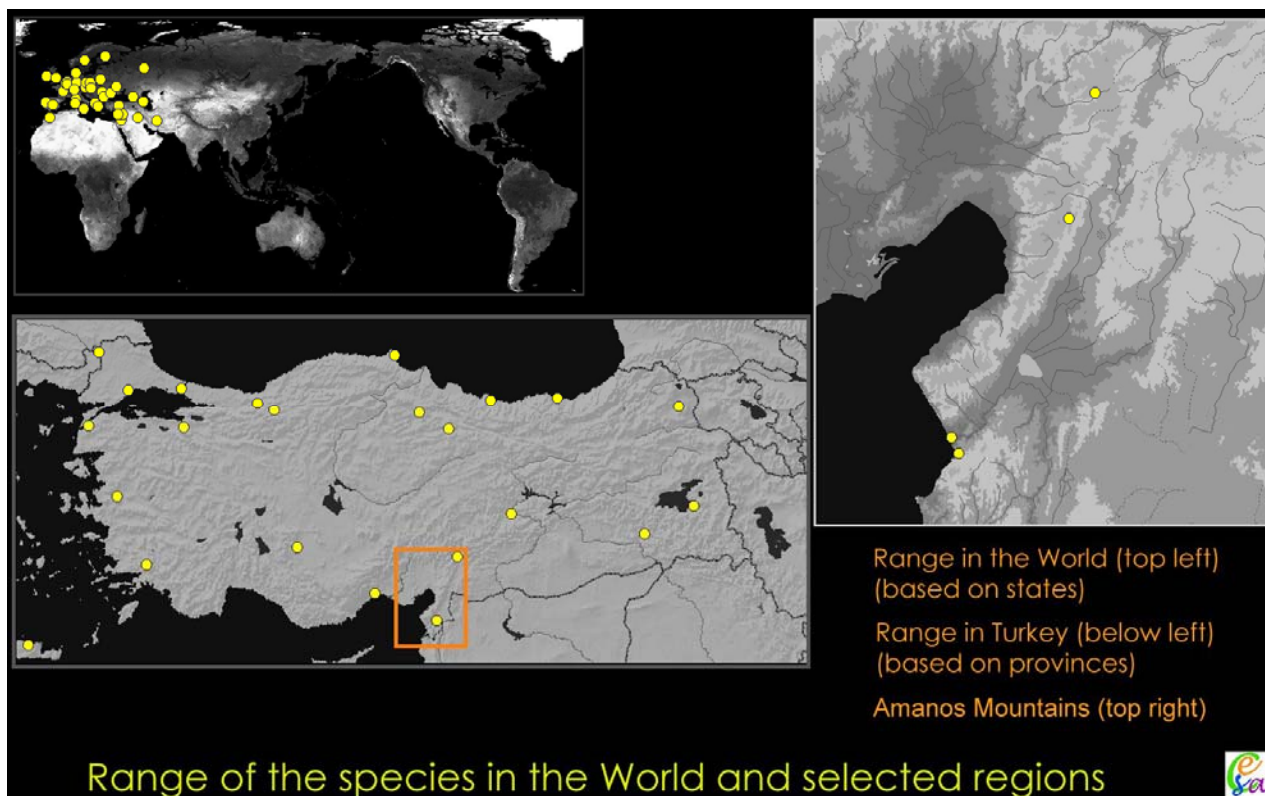
**Map 21** (246) - *Nychiodes (Eunychiodes) amygdalaria* (Herrich-Schäffer,[1848]) (Geometridae)



**Map 22** (247) - *Nychiodes (Eunychiodes) divergaria* (Staudinger,1892) (Geometridae)

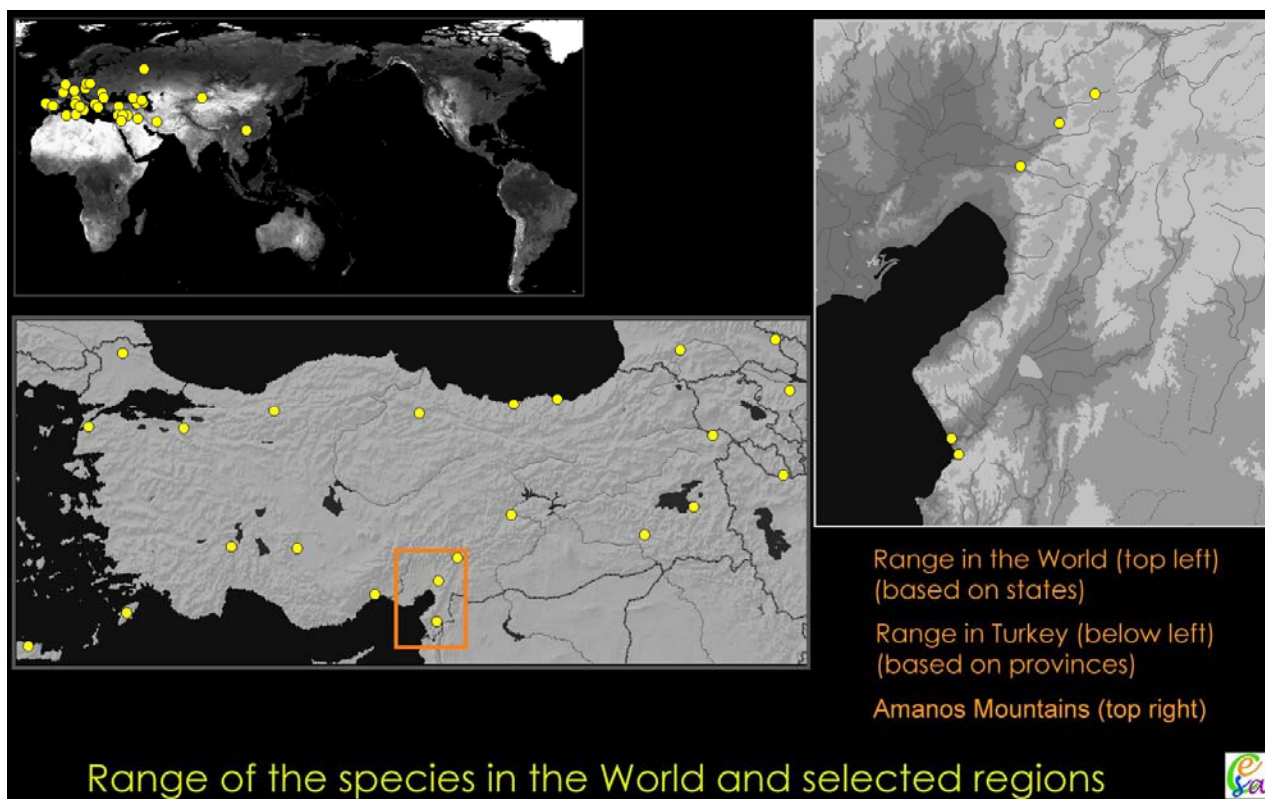


**Map 23** (250) - *Orthonama obstipata* (Fabricius, 1794) (Geometridae)

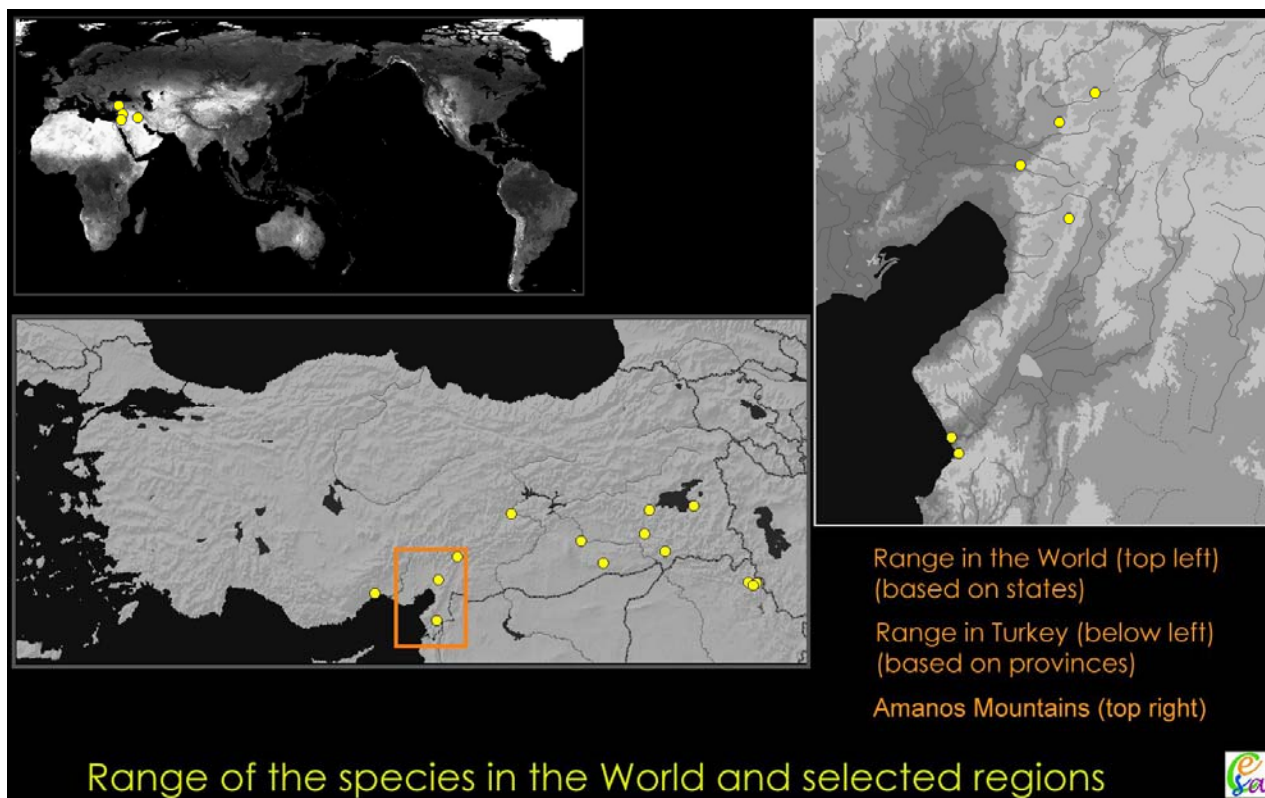


**Map 24** (254) - *Peribatodes rhomboidarius* [Denis & Schiffermüller], 1775 (Geometridae)

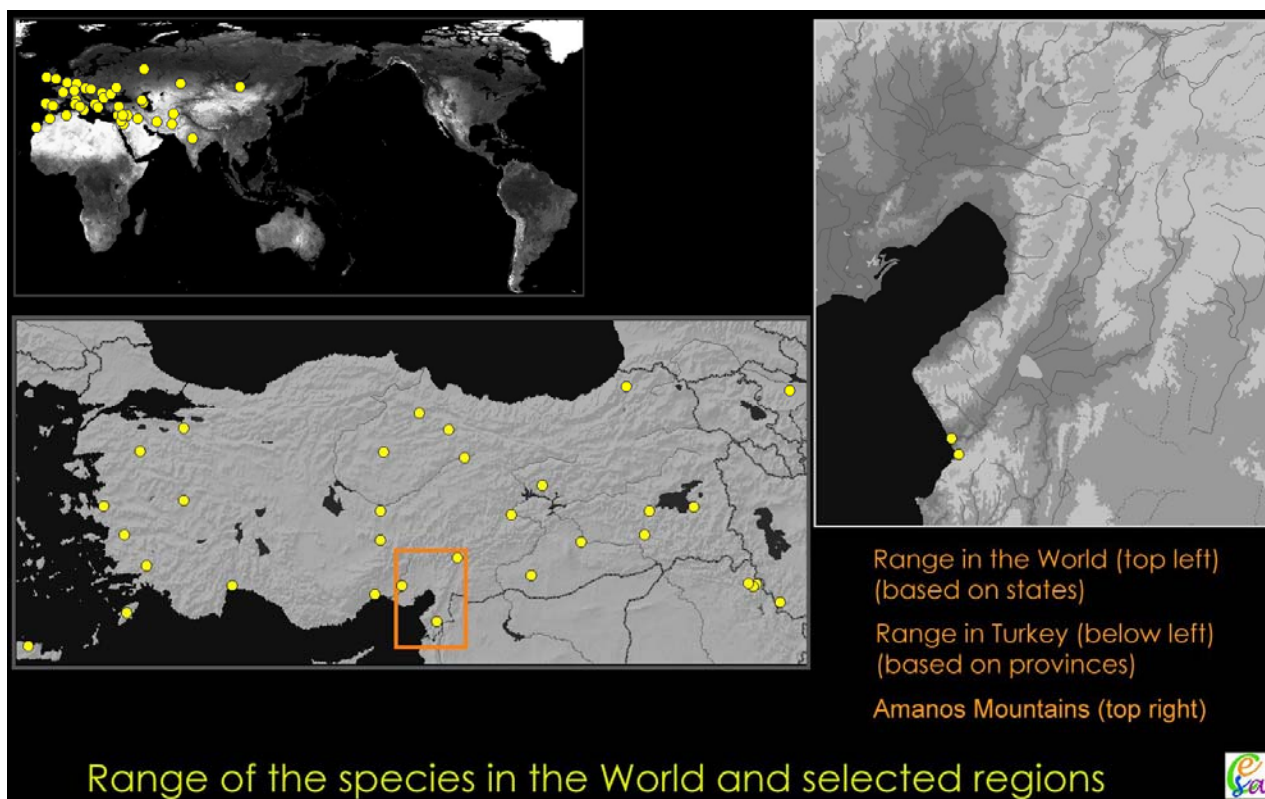




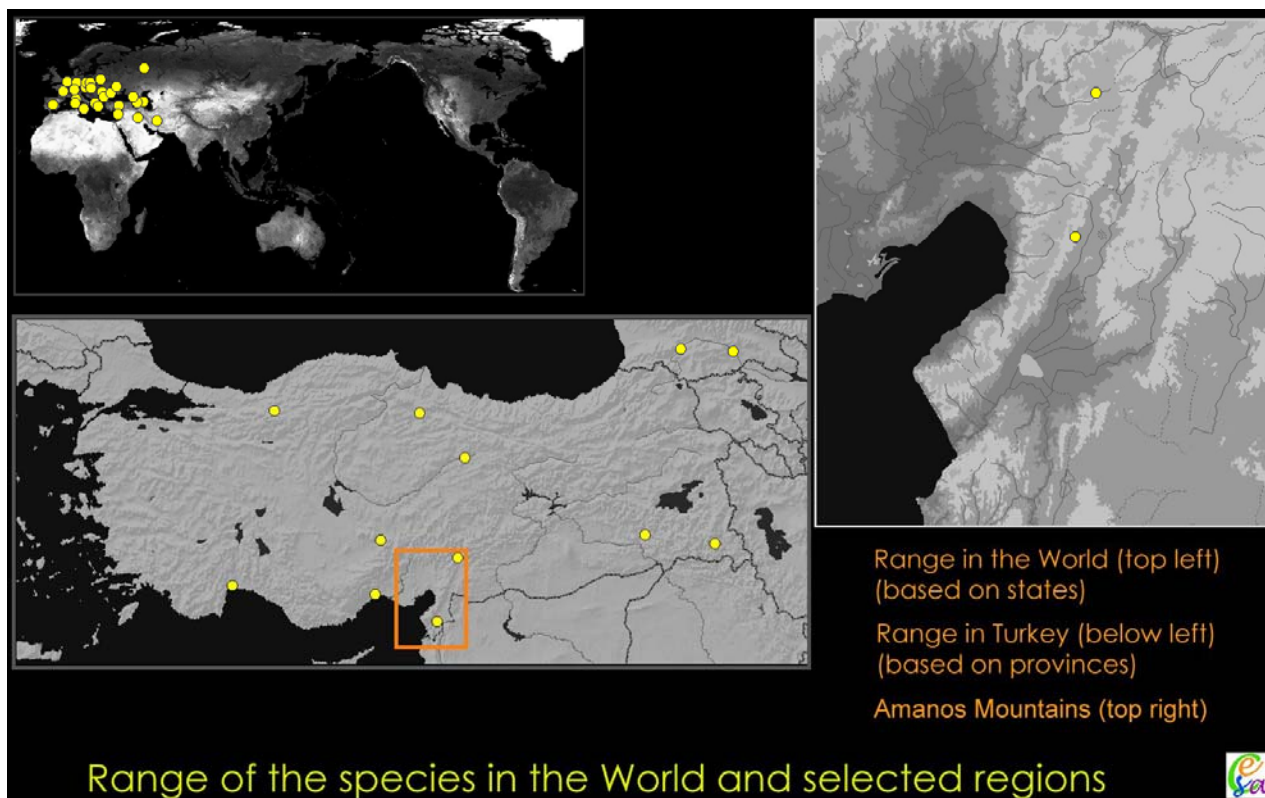
**Map 25** (256) - *Phaiogramma etruscaria* (Zeller, 1849) (Geometridae)



**Map 26** (261) - *Pseudopanthera syriacata* (Guenée, 1852) (Geometridae)

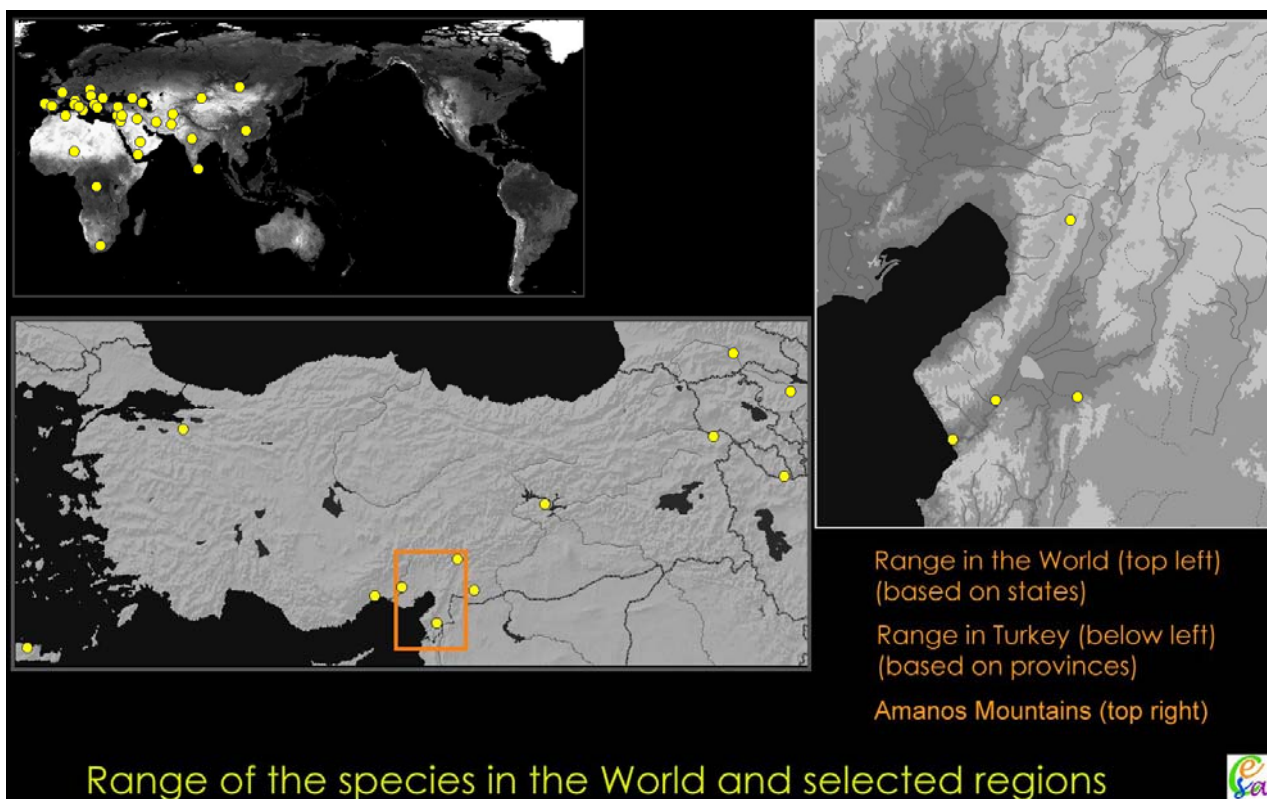


**Map 27** (342) - *Eublemma (ostrina-gr.) ostrinum* (Hübner,[1808]) (Noctuidae)

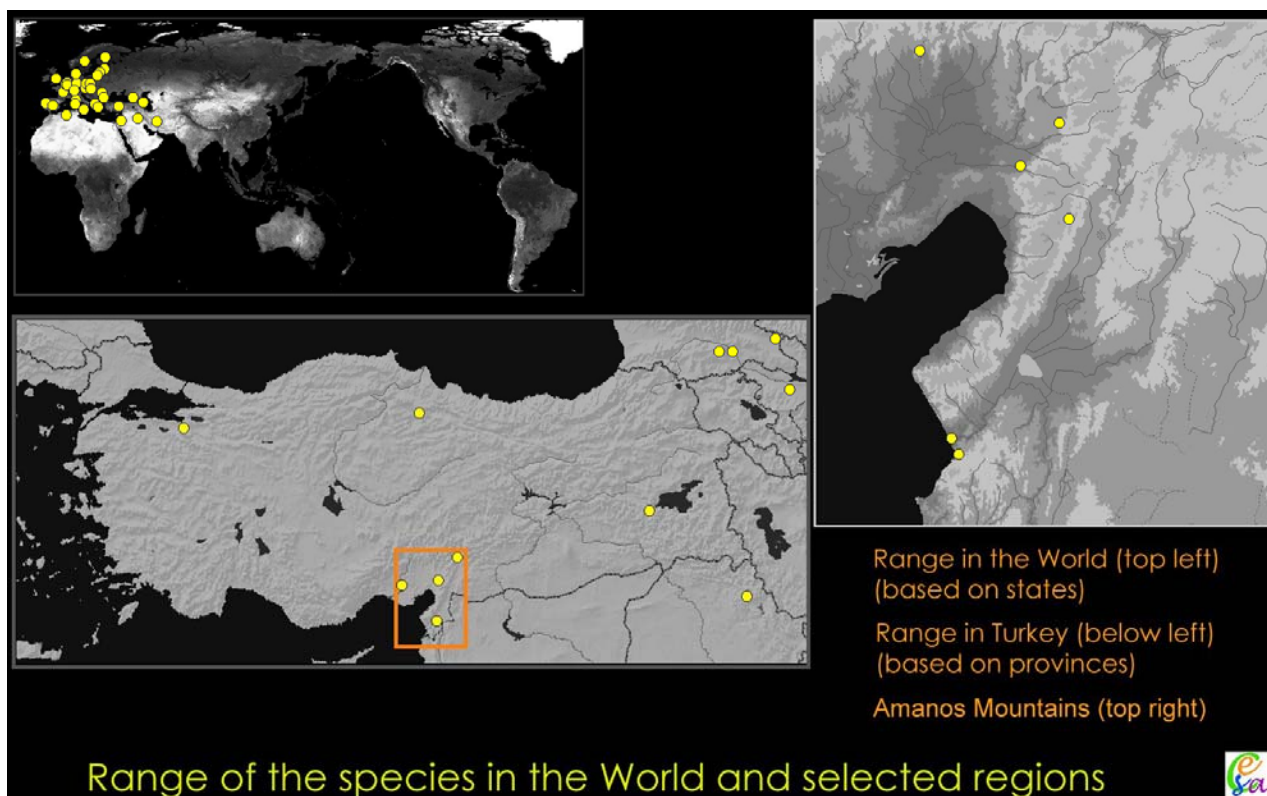


**Map 28** (363) - *Idia calvaria* ([Denis & Schiffermüller],1775) (Noctuidae)

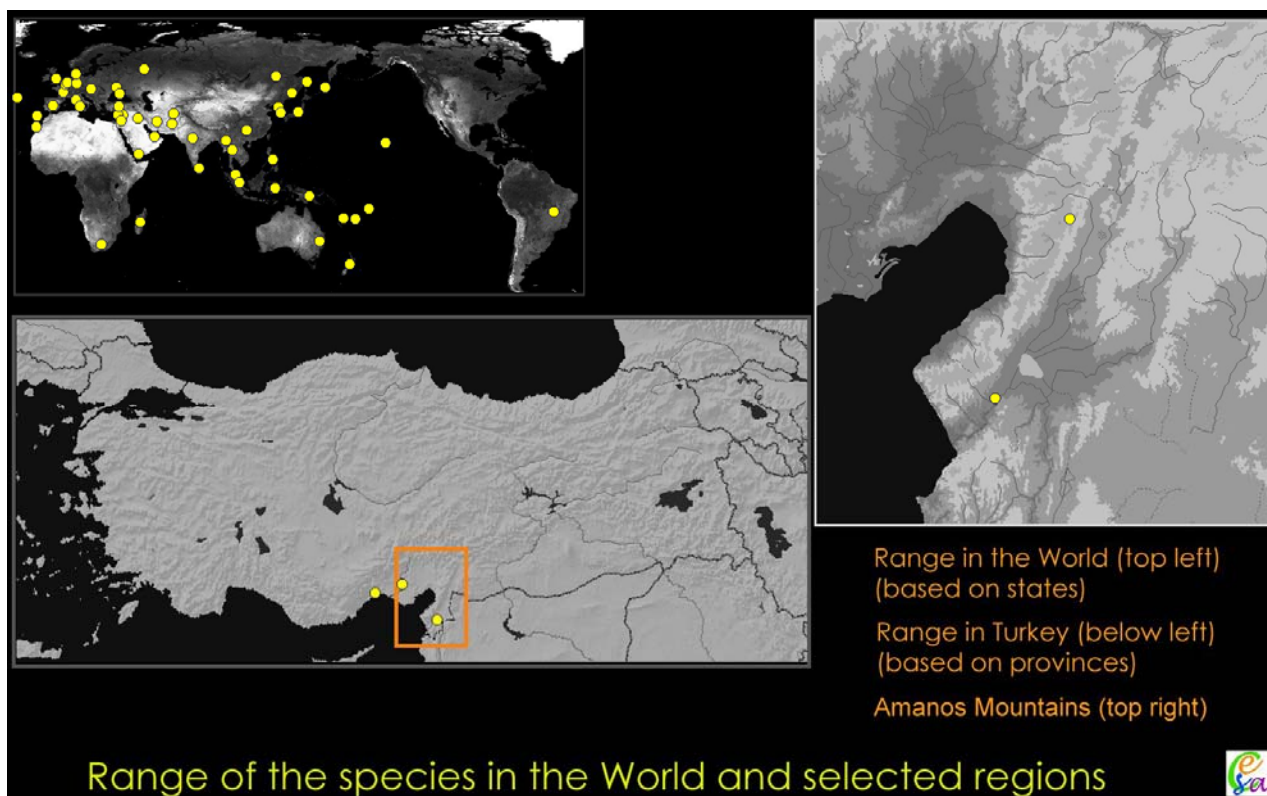




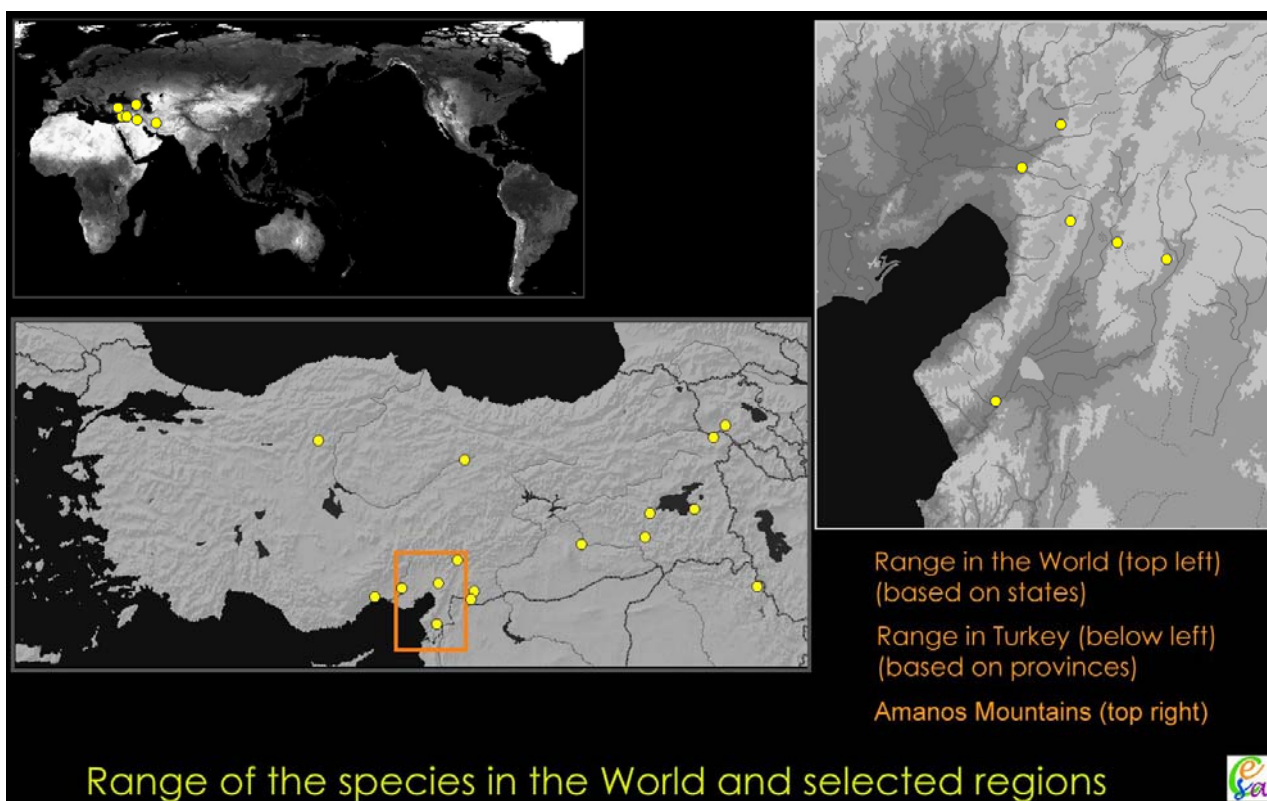
**Map 29 (426) - *Achyra nudalis* (Hübner, 1796) (Pyralidae)**



**Map 30 (438) - *Anania verbascata* (Fabricius, 1787) (Pyralidae)**

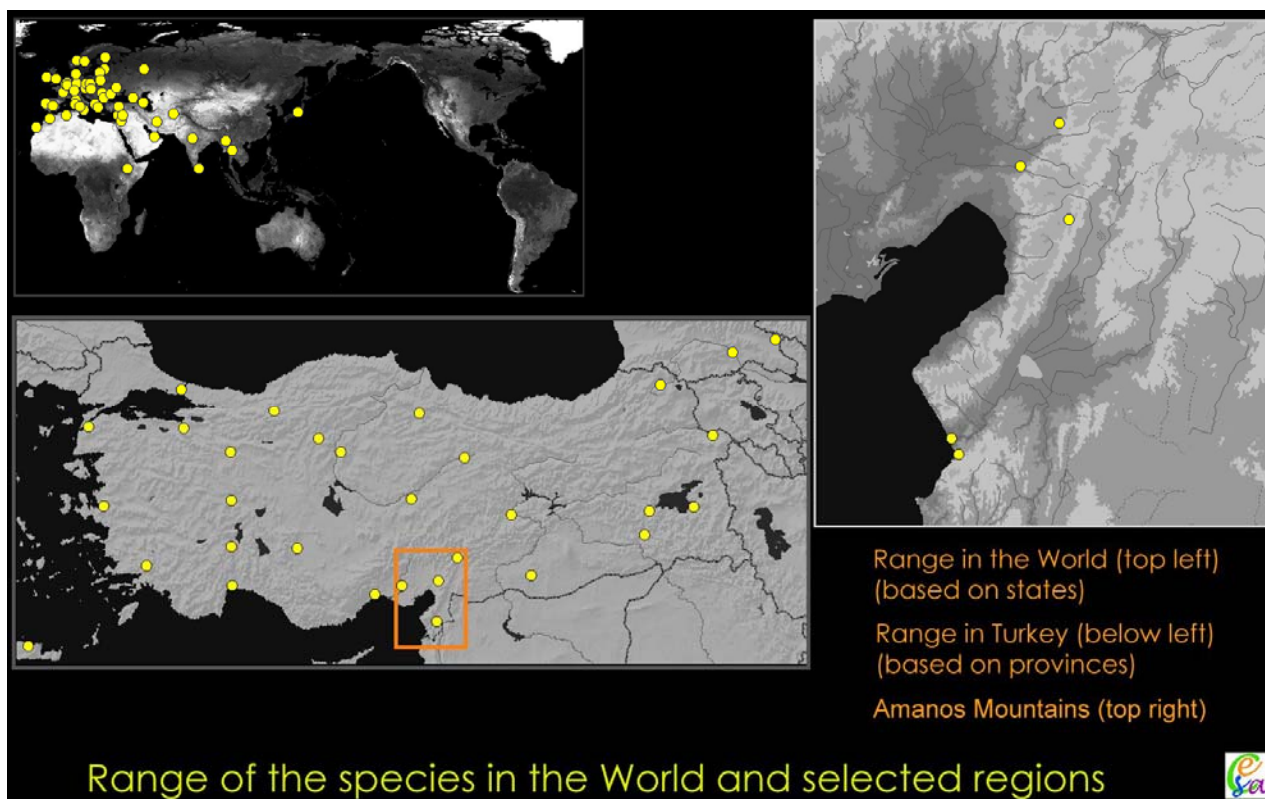


**Map 31 (571) - *Spoladea recurvalis* (Fabricius, 1775) (Pyralidae)**

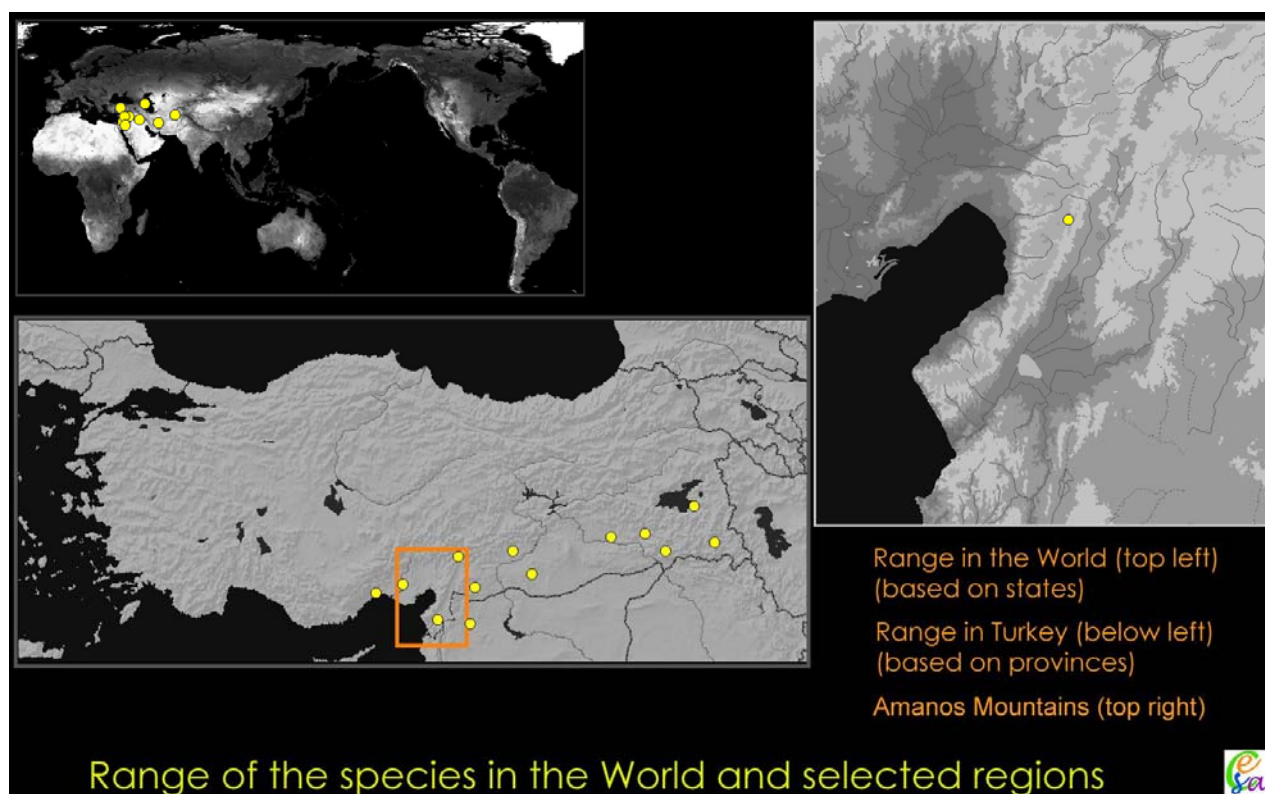


**Map 32 (574) - *Synaphe consecratalis* (Lederer, 1855) (Pyralidae)**





**Map 33** (580) - *Udea ferrugalis* (Hübner,1796) (Pyralidae)



**Map 34** (602) - *Akbesia davidi* (Oberthür,1884) (Sphingidae)

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